Purchase Order Receipt Listing

Monday, July 10, 2017 1:05:44 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO36886 Receipt Dates from 7/7/2017 to 7/7/2017 All Line Item Types All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Order ID/ Curr Type	VendorID\Vendor Name	PO36886	CAD											
Nbr/ Insp Req	dor Nam	-	No	2	No	ω	No	4	No	S	No	6	No	
rrojectio														
Description/ Cert Std	VC-CAM002 Acier O	M6061T6B0.750X06. f	6061T6 BAR .750 X 6.00	m137980 M6061T6B0.750X01. f	I-T6 Bar .750 X	m137980 M606176B0.750X08. f	6061-T6 BAR .750" X 8.00" m137980	M6061T6B1.000X02. f	6061-T6 Bar 1.00 x 2.00 m137980	M6061T6B1.000X04. f	6061-T6 Bar 1.00 x 4.00 m137980	M6061T6B1.000X06. f	6061T6 BAR 1.00 X f 6.00	m137980
Stock U/M	Acier Ouellette Inc.	DAS	9-89-9	7)	f		•		PF)	177	ب. ب	· +	₩3	
M/U	Inc.					SAG	9 9	DAS	989	5	9-89			
Required Date Required Qty		7/6/2017	20.0000	7/6/2017	60.0000	7/6/2017	12.0000	7/6/2017	20.0000	7/6/2017	20.0000	7/6/2017	24.0000	
Recv Date/ Recv Emp		7/7/2017	PLOU01	7/7/2017	PLOU01	7/7/2017	PLOU01	7/7/2017	PLOU01	7/7/2017	PLOU01	7/7/2017	PLOU01	
Recv Qty (PO U/M)		20.0000		60.0000		12.0000		20.0000		20.0000		24.0000		
Cost Per Unit/ Recv Value		\$12.71	\$254.19	\$2.66	\$159.76	\$14.18	\$170.19	\$4.73	\$94.68	\$10.61	\$212.28	\$14.94	\$358.51	
Inspected Qty/ Rejected Qty (PO U/M)		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
MRB Qty/ MRB Reject Qty		0	0	0	0	0	0	0	0	0	0	0	0	
Book Amt		\$254.19		\$159.76		\$170.19		\$94.68		\$212.28		\$358.51		

Page 1 of 3

2
0
3
0
0
6
-
5
E
E
-
0
20
0
7
V
-
0
5
4
4
-
Z
2
-

																								CAD	PO36886	VendorID\Vendor Name	Purchase Order ID/ Curr Type
	No	17	No	16	No	15	No	14	No	13		No	12		No	11		No	10		No	9		No	90	dor Name	Line Nbr/ Insp Req
						1		1								•			1		1						Project ID
m137980	6061-T6 Bar 2.00 x	M6061T6B2.000X03. f 500	6061-T6 Round Bar .375" m137980	M6061T6R0.375	304/316 .040 Sheet m137980 .036	→ M304S20GA	304/316 .050 Sheet m137980	M304S18GA	303 Round Bar 0.750 m137980	M303R0.750	m137980	2024-T3 .080 sheet	M2024T3S.080	m137980	6061-T6 .125 Sheet	M6061T6S.125	m137980	6061-T6 .040 Sheet	M6061T6S.040	AluminumBar 4.500" X 4.500" m137980	6061-T6	M6061T6B4.500X4.5 f	1.25 m137980	6061-T6 Bar 1.50 x	M6061T6B1.500X01. f 250	VC-CAM002 A	Reference/ Description/ Cert Std
	.00 x f	00X03. f	d Bar f	75 f	40 Sheet sf	3£	sheet sf		r 0.750 f	·		sheet sf	0 sf		Sheet sf	5 sf		_	Ehr. 0	4.500	1	00X4.5 f		.50 x f	00X01. f	Acier Ouellette Inc.	s P
9	9	DAS	2.89	8888	DAS		9		9-89	14	3	9-89		200				U		· ·	DAS		9-89		DAS	lette Inc.	PO U/M / Stock U/M
	12.0000	7/6/2017	20,0000	7/6/2017	64,0000	7/6/2017	64.0000	7/6/2017	24.0000	7/6/2017		48.0000	7/6/2017		32.0000	7/6/2017		64 0000	7/6/2017		4.0000	7/6/2017		12.0000	7/6/2017		Required Date Required Qty
	PLOU01	7/7/2017	PLOU01	7/7/2017	PLOU01	7/7/2017	PLOU01	7/7/2017	PLOU01	7/7/2017			7/7/2017			7/7/2017			7/7/2017		PLOUD!	7/7/2017		PLOU01	7/7/2017		Recv Date/ Recv Emp
		12.0000		20.0000		64.0000		64.0000		24.0000			48.0000		,	32.0000			64.0000			4.0000			12.0000		Recv Qty (PO U/M)
	\$132.71	\$11.06	\$6.05	\$0.30	\$192.76	\$3.01	\$264.10	\$4.13	\$97.23	\$4.05		\$239 16	\$4.98	9107.10	·	\$4.97	35/4.04	9	85 86	4607.00	626067	\$67.42		\$59.07	\$4.92		Cost Per Unit/ Recv Value
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0 0000	0.0000	0.0000	0 0000	0.0000	0.000	0.0000	0 0000	0.0000	0.000	0,0000		0,000	0.0000		Inspected Qty/ Rejected Qty (PO U/M)
	0	0	0	0	0	0	0	0	0	0	c	0 (0	c	0 0	0	0	> <		c		0	c	0	0		MRB Qty/ MRB Reject Qty
		\$132.71		\$6.05		\$192.76		\$264.10		\$97.23		4200.10	\$239 16		6107.10	\$15018		\$3/4.64	\$271.01			\$269.67			\$59.07		Book Amt

Recv Cost Per Unit/ Inspected Qty/Qty Recv Value Rejected Qty N (PO U/M) 1.0000 \$0.00 0.0000 \$0.00 0.0000 Total Received Qua Total Reject Qua Total Balance Due Qua		VendorID/Vendor Name VC-CAM002 Acier Ouellette Inc. 7/6/2017 7/7/2017 PO36886 18 71401-45 7/6/2017 7/7/2017 CAD No PROCUREMENT 1.0000 PLOU01 CLAUSES m137980	Order ID/ Nbr/ Description/ Stock U/M Required Date Recv Curr Type Insp Cert Sid Req Req Req Recv Emp
Inspected Qty/ Rejected Qty N (PO U/M) 0.0000 0.0000 0.0000 Total Received Qual Qty to Inspect (PO I Total Reject Qual Total Reject Qual Balance Due Qual	د.	1.0000	Recy Co Qty (PO U/M)
	Total Received Quantity: Total Qty to Inspect (PO U/M): Total Reject Quantity: Total Receipt Value: Total Balance Due Quantity:		_

ш
7
H
76
V)
\supset
-
-
5
ш
=
ш
-

ıi	
E IN	
HEH	
OUE	
ACIER	
-	

Tél.: 450-377-4248 Mt: 514-336-4248 Ext.: 800-667-4248 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242 935, Boul. du Hâvre Salaberry de Valleyfield (Québec) J6S 5L1

Shipped to

, Ontario,

1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

DART AEROSPACE LTD

Billed to

CLI0001056 2017/06/29 Delivery date Customer N° Date

Your order N°

2017/07/06

PO36886

Eric Kaehlert

Processed by

Net 30 Days

Salesman

OUELLETTE VALLEYFIELD

Carrier

Credit Terme

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Page

PCS NB

EXP

CMD

DUT

S

H

Z

B/0

Internal Use Only

PI_\$CLB M/D

20.00

105.74

QtA

Weight

Product Description

Instruction F-M

FLAT ALU 3/4 X 6 6061-T6 (20)

-

0452600

FAL-346-20

1 X 20'

69-6

Delivery Route

PI_\$CLB

60.00

81.00

FLAT ALU 3/4 X 1 1/2 6061-T6 (20)

7

FAL-34112-20

3 X 20'

HT#(\$XD160817

12.00

FLAT ALU 3/4 X 8 6061-T6 (12)

M

HT# 68549

68-6

2602

FAL-348-12

1 X 12'

68-6

HT#(38382

DAS σ

84.96

PI_\$CLB

NIR: R-109516-6

Next Page...

ш
7
76
U
\supset
_
-
E,
ш
-
7
Ÿ
\Box

ACIER OUELLETTE INC.

Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242 935, Boul. du Hâvre Salaberry de Valleyfield (Québec) J6S 5L1

Shipped to

, Ontario,

1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

DART AEROSPACE LTD

Billed to

2017/07/06 CL10001056 2017/06/29 Delivery date Customer N° Date

Your order N° Processed by

Eric Kaehlert PO36886

OUELLETTE VALLEYFIELD Net 30 Days

Salesman

Carrier

Credit Terme

Att: CHANTAL LAVOIE Tél.: 613-632-5200

7

Page

PCS NB

B/0 EXP CMD M/O PI_\$CLB

20.00

48.00

Q.

Weight

Product Description

Instruction F-M

2475 DAS 2475

FAL-12-20

1 X 20'

68-6

HT#67956

FLAT ALU 1 X 2 6061-T6 (20)

4

Delivery Route

100

Internal Use Only

I S C

Z

PI_\$CLB 20.00

96.00

8133 DAS

FAL-14-20

1 X 20'

68-6

HX#385906

FLAT ALU 1 X 4 6061-T6 (20)

Ŋ

169.18

2535

FAL-16-12

#36576

FLAT ALU T X 6 6061-T6 (12)

9

24.00

PI_\$CLB

NIR: R-109516-6

Next Page...

DELIVERY - USINE

ü
Z
E
E
Щ
Ξ
5
O
2
Ħ
A
h

935, Boul. du Hâvre Salaberry de Valleyfield (Québec) 16S 5L1 Tél.: 450-377-4248 Mt: 514-336-4248 Ext.: 800-667-4248 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Shipped to

, Ontario,

1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

DART AEROSPACE LTD

Billed to

CL10001056 2017/06/29 **Customer N°** Date

2017/07/06 PO36886 Delivery date

Your order N°

Eric Kaehlert

Processed by

OUELLETTE VALLEYFIELD Net 30 Days

Salesman

Carrier

Credit Terme

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Page

PCS NB

8/0 EXP CMD

DUT

S

н

Z

Internal Use Only

PI_\$CLB M/n

12.00

169.34

Qt/

Weight

Product Description

Instruction F-M

7 FLAT ALU 1 X 12 6061-T6 (12)

FAL-112-12

1 X 12'

Delivery Route

PI_\$CLB

12.00

26.44

FLAT ALU 1 1/4 X 1 1/2 6061-T6 (12)

00

HT#105574

FAL-114112-12

1 X 12'

1.00

3

14

AUMINIUM 6061-T6511 4-1/2" SQUARE

HT#17025431A

D7 .. 84 X I

DAS

47#107012

9-89

NIR: R-109516-6

Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Shipped to

, Ontario,

1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

DART AEROSPACE LTD

Billed to

Your order N°

Eric Kaehlert PO36886

Processed by

OUELLETTE VALLEYFIELD

Salesman

Carrier

Net 30 Days

Credit Terme

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route

Page

PCS NB

Qty

Weight

36.03

10 ALU SHEET .040 (18G) 6061-TG (4 X 8) FEAL-040486061 3125

Product Description

Instruction F-M

EXP CMD M/O

OUT

S

=

Z

B/0

Internal Use Only

PIZ_\$CLB 64.00

PIZ_\$CLB 32.00

56.45

ALU SHEET 1/8 6061-T6 (4.X 8)

11

HT # 7114421

2X4'X8'

FEAL-18486061

1 X 4' X 8'

54.77

ALU SHEET .081 (12G) 2024-T3 (4 X 12)

12

3192

FEAL-0814122024 1 X 4' X 12' BARE

HT#300

69-6

MT#GJNH1612-028

48.00

PIZ_\$CLB

NIR: R-109516-6

Next Page...

DELIVERY - USINE

ACIER OUELLETTE INC. 935, Boul. du Hâvre Salaberry de Valleyfield (Québec) 36S 5L1 Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248

Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Shipped to

1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

DART AEROSPACE LTD

Billed to

CLI0001056 2017/06/29 Customer N°

Date

2017/07/06

Delivery date

PO36886 Your order N° Processed by

Eric Kaehlert

TE VALLEYFIELD Days

		Salesman	
, Olidio,		Carrier	OUELLETT
Att: CHANTAL LAVOIE Tél.: 613-632-5200	Tél.: 613-632-5200	Credit Terme	Net 30 Day

age	

L	ח	
Dane	260	

	1
	1
ige	1
<u>P</u>	

	Interna
S	
Page	PCS NB

2	i
a	

OUT

Page CMD CMD CMD 24.00 PI_\$CLB 64.00 PIZ \$CLB	СМД	Page	Page CMD EXP	Page S CMD EXP B/O IN	Page CMD EXP
Рад	v -	PCS NB	PCS NB	PCS NB EXP B/O IN	PCS NB EXP B/O IN
	-	PCS NB	PCS NB	PCS NB EXP B/O IN	PCS NB EXP B/O IN

100.48

15 SHEET 3 20G SS304-2B (4 X 8)

HI-MOLAV

2X4'X8'

FESS-20G483042B

2X4'X8'

HT#160612C11

64.00

PI2 \$CLB

NIR: R-109516-6

Next Page...

DELIVERY - USINE

ACIER OUELLETTE INC.

Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248 935, Boul. du Hâvre Salaberry de Valleyfield (Québec) J6S 5L1

Delivery date Customer N° Date Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

CLI0001056 2017/06/29 2017/07/06

PO36886

Your order N°

Shipped to

, Ontario,

HAWKESBURY, Ontario, K6A 1K7

1270, ABERDEEN ST.

DART AEROSPACE LTD

Billed to

Processed by

Eric Kaehlert

OUELLETTE VALLEYFIELD

Net 30 Days

Carrier

Att: CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route

Weight

Product Description

F-X

Instruction

DAS 5159

RAL-38-20

1 X 20'

ROUND ALU 3/8 6061-T6 (20)

16

Credit Terme

Salesman

Pane

9

	-
	-
	- 1
	- 1
	- 1
	10
	112
	12
	-15
	10
	10
	12
	16
	1-
	-1
D.	
-	
•	
9	1
_	
_	1
	1
	1
	-

	-1
	-
	1
	1.0
	15
	12
	-15
	10
	17
	13
	16
	-
	1
1	
8	
1	1
	1
•	1
	L.
	1
	1
	1
	1
	1

1		
1		
J		
1		
J	_	_
1	E	О
1	-	7
1	8	-
1		
J	9	1
ł	Ĺ	J
ı	à	7
1	ŧ.	*
1		
1		
1		
1		
ı		
î		
i		
ı		
1		
ı		
Į		
F	Т	
1		
ı		
ı		
ı		
1		
1		1
1		
н		1

		-	2	
	-	500)
	I	6	4	
1				
	İ			
	ŀ		_	
	١			
	I			

	2		
	3	3	
ı	0		
ı			
ŀ	_	_	
l			
		2	
l		/ 11	
ı			

1	
NB	
PCS	
-	

8	8/0
PCS NB	EXP
	CMD
11/10	2/0

OUT

U S

I

Z

Internal Use Only

-	(iii		
	CMD		
11/14	E/0	PI_\$CLB	
240	444	20.00	

2.64

PI_\$CLB 12.00

50.28

FLAT ALU 2 X 3 1/2 6061-T6 RANDOM NS

17

FAL-2312-V

1 X 12'

HT#001M170213B

68.6 4

T#68219

NIR: R-109516-6

Fotal Weight (Lbs): 1 251.76

All sold and delivered materials remain the property of "Acier Ouelette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouelette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouelette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to

Time

Delivered By:

Verified By:

Prepared By

1 25% restocking charge.

Conditions:

Customer's Signature

Total (\$CAD)

Date



ACIER OUELLETTE INC.

935, Boul. du Hâvre . . . Salaberry de Valleyfield (Québec) J6S 5L1 Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Invoice

FC00040419

Sold to

DART AEROSPACE LTD

1270, ABERDEEN ST.

HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att: A VALIDER

Customer No

CLI0001056

Date

2017/07/10

Your order No

PO36886

Processed by

France

Salesman Carrier

ERIC **OUELLETTE VALLEYFIELD**

Credit Term

Net 30 Days

Order Nº

CO00038492

Page

Product N° and description HT#36576	Weight	Qty U/M	Qty	U/M	Price	Pcs Nb	Price	Amoun
FLAT ALU 1 X 12 6061-T6 (12) FAL-112-12 1 X 12' HT#105574	0.00	0.00 PI_\$CLB	0.00	UN	0.00	0.00	0.000	0.00
FLAT ALU 1 1/4 X 1 1/2 6061-T6 (12) FAL-114112-12 1 X 12' HT#17025431A	26.43	12.00 PI_\$CLB	1.00	UN	76.65	0.00	0.000	76.65
ALUMINIUM 6061-T6511 4-1/2" SQUARE N	0.00	1.00 UN	1.00	UN	349.95	0.00	0.000	349.95
1 X 48" LG HT#107012								
ALU SHEET .040 (18G) 6061-T6 (4 X 8) FEAL-040486061 3125 2 X 4' X 8' HT#T114421	36.03	64.00 PI2_\$CLB	2.00	UN	243.22	0.00	0.000	486.43
ALU SHEET 1/8 6061-T6 (4 x 8) FEAL-18486061 4256 1 x 4' x 8' DAS 5	56.44	32.00 PI2_\$CLB	1.00	UN	206.57	0.00	0.000	206.57
ALU SHEET .081 (12G) 2024-T3 (4 X 12) FEAL-0814122024 3192 1 X 4' X 12' BARE	54.76	48.00 PI2_\$CLB	1.00	UN	465.53	0.00	0.000	465.53



ACIER OUELLETTE INC.

935, Boul. du Hâvre . · Salaberry de Valleyfield (Québec) J6S 5L1

Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248 Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Invoice

Customer N°

Date

FC00040419

Sold to

DART AEROSPACE LTD

1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Your order No PO36886

Processed by France

ERIC Salesman

Carrier **OUELLETTE VALLEYFIELD**

CL10001056

2017/07/10

Credit Term Net 30 Days Order No CO00038492

Page

Product No and description	Weight	Qty U/M	Qty	U/M	Price	Pcs Nb	Price	Amoun
HT#300								
ROUND SS 3/4 303 (12R) RSS-34303-12 5760 2 x 12' 5"	37.30	24.84 PI_\$CLB	24.84	PI	5.26	0.00	0.000	130.58
HT#W4B3								
SHEET SS 18G SS304-2B (4 X 8) FESS-18G483042B 3425 2 X 4' X 8'	134.40	64.00 PI2_\$CLB	2.00	UN	171.36	0.00	0.000	342.77
HT#0L4V					105.05			250.1
SHEET SS 20G SS304-2B (4 X 8) FESS-20G483042B 3430 2 X 4' X 8' HT#\$ 2 2-2 X	100.48	64.00 PI2_\$CLB	2.00	UN	125.07	0.00	0.000	250.14
ROUND ALU 3/8 6061-T6 (20) 9-89 RAL-38-20 5159 I X 20'	2.64	ZO.OO PI_\$CLB	1.00	UN	7.85	0.00	0.000	7.85
HT#68219								
FLAT ALU 2 X 3 1/2 6061-T6 RANDOM NS FAL-2312-V 8260 1 X 12' HT#001M170213B	50.28	12.00 PI_\$CLB	12.00	ΡĬ	14.35	0.00	0.000	172.21

Billed to

DART AEROSPACE LTD

1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

DELIVERY - USINE

Customer Nº

2017/06/29 CLI0001056

CO00038492

ACIER OUELLETTE INC.
935, Boul. du Hâvre
935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) 365 5L1
Tél.: 450-377-4248 Mt): 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mt): 514-336-4246 Ext.: 866-456-4242

Date

Your order No

Delivery date

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Salesman Processed by

Carrier

OUELLETTE VALLEYFIELD

Eric Kaehlert

PO36886 2017/07/06

Credit Terme Net 30 Days

	HT#101/0068262/5 12 ALU SHEET .081 (12G) 2024-T3 (4 X 12) FEAL-0814122024 3192	11 ALU SHEET 1/8 6061-T6 (4 X 8) FEAL-18486061 4256 1 X 4' X 8'	HT#T114421	FEAL-040486061 3125		Product Description	Instruction F-M
	54.77	56.45		36.03		Weight	Delivery Route
	48.00 PI2_\$CLB	32.00 PI2_\$CLB		64.00 P12_\$CLB		M/III	G
	60	bo		Ġ.	CMD EXP	PCS NB	Page
					B/O IN	In	4
					I S C OUT	Internal Use Only	

NIR: R-109516-6

Billed to

DART AEROSPACE LTD

1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7

DELIVERY - USINE

CO00038492

ACIER OUELLETTE INC.
935, Boul. du Hâvre
935, Boul. du Hâvre
936, Boul. du Hâvre
937, Boul. du Hâvre
937, Boul. du Hâvre
938, Boul. du Hâvre
1581-336-4248 Ext.: 800-667-4248
1581-336-4246 Ext.: 866-456-4242
1581-336-4246

Date

2017/06/29 CLI0001056

2017/07/06

Customer No

Delivery date

Processed by Your order No

Eric Kaehlert PO36886

Shipped to

, Ontario,

Salesman

Carrier **OUELLETTE VALLEYFIELD**

Credit Terme Net 30 Days

ហ

Att : CHANTAL LAVOIE Tél .: 613-632-5200

Instruction F-M	Delivery Route	S		Page			UI			
Broduct Description	Wolcht				PCS NB	8		Internal Use Only	Use Or	υly
Tionact Pescipaoii	weight	Ash	U/M	CMD	EXP	B/0	NI	2 I	С	TUO
13 ROUND SS 3/4 303 (12R)	36.05	24.00	00 PI_\$CLB							
RSS-34303-12 5760										
2 x 12'										
HT#W4B3										
14 SHEET SS 18G SS304-2B (4 X 8) FESS-18G483042B 3425	134.40	64.0	64.00 PI2_\$CLB							
HT#OLAV										
15 SHEET SS 20G SS304-2B (4 x 8) FESS-20G4B3042B 3430 2 X 4' X 8'	100.48	64.0	64.00 PI2_\$CLB							
HT# 222X										

NIR: R-109516-6





Global Vietnam GLOBAL VIETNAM ALUMINIUM COMPANY LIMITED

Address: My Xuan B1-Conac industrial zone, My Xuan town, Tan Thanh district,

Ba Ria-Vung Tau province, Viet Nam

Tel: +84(0)643924954 +84(0)643924953 Fax:

MILL TEST CERTIFICATE

Date: July 19, 2016

Consignee:

PO number: P-16298 Customer PO: C72858 Shipping Ref No.: 16-0667 LC No.: DC HMN613447 Date of issue: July 13, 2016 Item Code: 1039500 Die Number: D00112

Alloy & Temper: 6061-T6511

> Production Description: STANDARD ALLIMINIUM EXTRUSION (BAR)

BAR V836002 3/4"x6" X 240" 6061-T6511 D00112 68-6

Length (inch): 240

Bundle number: P-16298-048 Heat Number: SXD160817

6 CNO

Date: 14/07/2016

Applicable Specifications ASTM B22DSTANDARDS

CHEMICAL ANALYSIS: %

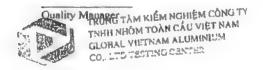
C	HEMIC	AL ANA	LYSIS: 9	%							R533895
Si	Mg	Fe	Cu	Mn	Сг	Zn	Ti	Al	Oth EACH	TOTAL	Remark:
0.637	0.935	0.214	0.250	0.015	0.080	0.006	0.014	98.775	<0.05	<0.15	12/07/2016

MECHANICAL ANALYSIS:

Ult. Strength (ksi)	Yield Strength (ksi)	Elongation % LN 2"	Remark:
46.8	39.5	11.7	12/07/2016

All profiles, each profile with each MTC, showing material shipped match aluminium alloy as per standard, with chemical analysis and mechanical analysis to match aluminium alloy standard.

We hereby certify that the item listed have been checked and tested in accordance with the specifications noted and have been found to meet all the applicable requirements. Certifications are kept on file for 36 months from the date of purchase and are available for review upon request, referring to ASTM and the PO number.





Test de dureté Rockwell Rockwell Hardness Test

Client / Customer:

LES ACIERS TRANSBEC (1997) LTEE.

Adresse / Address:

4054 BOUL, LE CORBUSIER # 201

LAVAL, QC H7L5R2

commande

order #:

7011453

bon de commande / Purchase order #: OU-47404

de matrice / Die #: MS 16477

Description: 1 1/2" X 3/4" FLAT BAR

Alliage & trempage / Alloy & temper:

6061 T6

Longueur / Lenght: 6097 mm

Contrôle / Control #: 84119-2

Rockwell E hardness: 94 HRE

Coulée / Cast # : 68549

Dureté Rockwell E /

Min. requis /

Min. required: 88 HRE

Max. permis /

Max. permitted: 100 HRE

Composition chimique typique / Typical chemical composition:

	SI	Fe	Cu	Mn	Mg	Cr	Zn	TI
6063	0.28 - 0.60	0.13 - 0.25	0.10 Max	0.10 Max	0.35 - 0.73	0.10 Max	0.05 Max	0.05 Max
6005	0,68 - 0,72	0.15 - 0.27	0,04 - 0,08	0,06 - 0,08	0.48 - 0.52	0,03 Max	0,05 Max	0,03 Max
6005A	0.65 - 0.75	0.15 - 0.27	0.15 Max	0.20 - 0.30	0,45 - 0,55	0,10 Max	0.05 Max	0,05 Max
6061	0.50 - 0.76	0,13 - 0,29	0.15 - 0.28	0,10 Max	0.80 - 1.00	0,04 - 0,14	0.08 Max	0,05 Max
6351	0,7 - 1,3	0,5 Max	0,10 Max	0,40 - 0.80	0.40 - 0.80		0,50 Max	0.20 Max

Nous certifions que la matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme ASTM B-221/14 excepté pour la section 8.2 (nombre de spécimen).

We hereby certify that the material supplied meets the chemical properties as published by the ASTM 8-221-14 except for section 8.2 (number of specimen).

Sincèrement vôtre,

date: 2017-03-10

Yours truly,

Daniel Alfredo Pelletier Directeur Qualité **Quality Director**

F.07.04 rev0 Rapport depropriétés mécaniques.doc

-609C#

MILL TEST

	MILL TEST ASTN B221-14	Ž	8" X 3/4" FLAT BAR	CUSTOMER PART NUMBER DT09604	8" X 3/4" FLAT BAR
INADA	MADE IN CANADA	HOUSE ACCOUNTS	6061 T6	100664	ACIER OUELLETTE
357684	197683 — 4	Sep/29/2016	S 9604	CUSTOMER PO	SHIP TO
MANIFEST NO.		DATE OF SHIPMENT	DIE NUMBER	CERT CODE:	BILL TO
		11			

Mechanical P	ical Properties				Test Date	Date		mate To	ensile	Yield S	trength	_ 1	Percen		Hardne	SS			ğ
O	Alloy				<u>Iest</u>	Date	LIE L	mate To	Tensile th (KSI)	Yield S	trength (KST)		Percent	5 17	Hardness Bockwell	SS		Cor	Conductivit
A.11	6061				Sep/2	Sep/24/2016	**	44.40	44.40		41.60		13.60 90.0, 90.6, 90.3	8 5	90.0, 90	16, 90.3	CO .		
Chemical Composition	nposition																ı	۱	
Cast Number Lot	Alloy	Si	Fe	Fe Cu	M	M	l C	Z	Zn	⊟	G	K	 00	77	8	6	Sn Sr Co Al	NS.	6
3B3822 A.11	.1 6061	0.6	0.2	0.2	0.03	0.87	0.07	0	0.01	0.01	0	0	0	0	0	0	0	0	0 Remainder

specifications. We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper

Quality Control Manager David Natale

1 - CUSTOMER COPY



Test de dureté Rockwell Rockwell Hardness Test

Client / Customer:

LES ACIERS TRANSBEC (1997) LTEE.

Adresse / Address:

4054 BOUL LE CORBUSIER, #201

LAVAL, QC H7L5R2

commande

6101541

bon de commande / Purchase order #: OU-46548

de matrice / Die #: MS 15914

Description (2"X 1" FLAT BAR

Alliage & trempage / Alloy & temper: 6061 76

Longueur / Lenght: 6097 mm

Contrôle / Control #: 79124-1

Coulée / Cast # : 67956

DAS

Dureté Rockwell E /

3-69 Min. requis /

Max. permis /

Rockwell E hardness: 96 HRE

Min. required: 88 HRE

Max. permitted: 100 HRE

Composition chimique typique / Typical chemical composition:

	Si	Fe	Cu	Mn	Mg	Cr	Zn	11
6063	0,20 - 0,60	0,35 Max	0,10 Max	0,10 Max	0,45 - 0,90	0,10 Max	0,10 Max	0,10 Max
6005	0,60 - 0,90	0,35 Max	0,10 Max	0,10 Max	0,40 - 0,60	0,10 Max	0,10 Max	0.10 Max
6005A	0.66-0.74	0.14 - 0.28	0,08 - 0,16	0.18 - 0.26	0.46 - 0.54	0,03 Max	0.05 Max	0.05 Max
6061	0.40 - 0.80	0,70 Max	0,15 - 0,40	0,15 Max	0.80 - 1.20	0,04 - 0,35	0.25 Max	0.15 Max
6351	0.7 - 1.3	0.5 Max	0.10 Max	0.40 - 0.80	0.40 - 0.80		0,20 Max	0,20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme ASTM B-221-14 excepté pour la section 8.2 (nombre de spécimen).

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen).

Sincèrement vôtre,

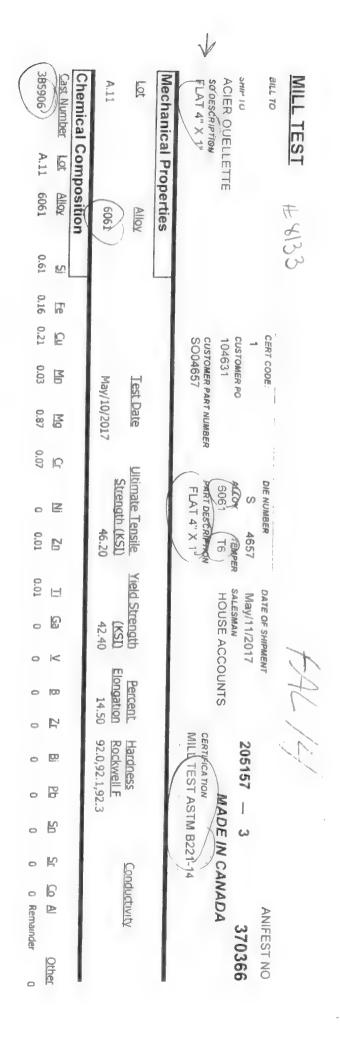
date: 2016-12-09

Yours truly,

Gilles Pelletier

Technicien de la qualité

Quality technician



specifications. We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper

14 17/07/14

Tulsiram Mohabir Quality Control Manager

1 - CUSTOMER COPY

MILL TEST

Mechanical Properties Test Date Ultimate Tensile Yield Strength Percent Hardness A.11 6061 May/26/2017 44.50 40.70 15.80 91.1,91.2,91.2	1" X 8" FLAT BAR DT04658 DT04658 CUSTOMER PART NUMBER 1" X 8" FLAT BAR MILL TEST AS	ACIER OUELLETTE 105387 /OU-47828 6061 (T6) HOUSE ACCOUNTS MA	S 4858 Jun/08/2017 206192 -
001	MILL TEST ASTM B221-14	MADE	206192 — 1
Conductivity	(B221-14)	IN CANADA	1 372109

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

Tulsiram Mohabir Quality Control Manager

(3)3849

LES ACIERS QUELLETTE INC.

BARRE RECT. ALUM ECONOPLI 6061-16511 1 00" X 12 00" X 1-1-1.0000" PART NO.

PO/Rel OU-75127

Nous certifions que le document regnoduit set est une copie conforme du rapport forimi par le fournissem du materiel ou les données résultent

Certificate of Mill Test Results

BE VINE 660-31 003

2.21 or 21 11.11

de l'analyse taue partio laboratorie qualitic SIGNE PAR ALLE Y TRUGLIO

ALUMINU FABRICATED PRODUCTS



CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE

CUSTOMER FO NUMBE	ER-	CUSTOMER PART	TNUMBER	1.000 X 12.000 PF		E BAR
VIM-633551-9 KAISER ORDER NUMB	GR II INF ITEM		P DATE	KAISER LOT NUMBER	ALLOY	IEMPER
	009	111	/20/2015	Z00014100	6061	T6511
698509 WEIGHT SHIPPED	QUANTITY.		NUMBER:	DIAM/DAF/THKNS.	WIDTH	12 000 FT
1016.000 LB	6.000 PC	CS 61	3952	SOLD TO		
SHIP TO.						
1						en B

Actual Physical Properties

REFERENCE	DASH#	SAMPLE		YTS (KSI)	ELONG%			CONDUCT.	BEND N/A
Z00014100			45.5	43.4	15.0	PJE	71		

Chemical Composition (wt%), Aluminum Remainder

													Tot
LIMITS		En	Cu	Mn	Ma	Cr	Zn	Ti	Pb				Tot
LIMITS Maximum	51	2.0	0.40	2 15	- 20	0.35	0.25	0.15	NA	MA	145	0.00	(-, 1)
Maximum Manimum	0.30	0.70	2.15	0.00	0.60	0.04	0.00	0.00	RA.	HA	1174	9.1	0.07
M_rimum 105574	.77	.31	.29	.10	. 95	.09	. 05	.02	.00	.00	. *111		/ 5

Applicable Requirements:

ASTM-B227-14 STENCILED ASHE-SB221 1996 SECT 11 AMS-CO R-20076A UNIVERSEDS1 (T6511 a.c. conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MERCURY IS NOT A NORMAL BACKGROUND SLEMENT IN ALUMINUM ALLOYS, MEITHER MERCURY HOP ANY OF ITS COMPOUNDS ARE UTILITIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MANUFACTURE OF THIS MANUFACTURE.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifier dust motal enipped adders a four to perfinspected and feeted and found in conformance with applicable specifications forming a part of the description set north an Kaisov's sales acknowledgement form. Any watering is limited to that stoke .

Keiser's general terms and conditions of sale. That reports are on tile subject to examination.

Aimpe L. Macnowski, Quality & Technology Manager

ame & Macrows

Plant Serial: 00, 0004: For a Critical Campon (1981 Co. Table Traction ()

12ge 1 of 1

MILL TEST

					Machanical Proportios
M B221-14	MILL TEST ASTM 8221-14	X 1-1/4" 80	FLAT BAR (1-1/2" X 1-1/4" SQ	DT04676	FLAT BAR 1-1/2" X 1-1/4" SQ
MADE IN CANADA	MAD	HOUSE ACCOUNTS	6061) (16)	103226	ACIER OUELLETTE
365507	640404	TEMPER SALESMAN	ı	CUSTOMER PO	A DE CO
	202525	Feb/16/2017	S 4676		STATE OF THE PROPERTY OF THE P
MANIFEST NO.		DATE OF SHIPMENT	DIE NUMBER	CERT CODE:	P C

Cast Number Lot Alloy (17025431A) A.11 6061	Lot Alloy A.11 Chemical Composition
Allox 6061	Alloy 6061
5. N	
0.17	
0.2	
0.01	Feb/
0.8	Test Date Feb/16/2017
8 E	1 1 1 1 1 1 1 1 1 1
o K	litimate Tensile Strength (KSI) 43.40
Zn 0.01	timate Tensile Strength (KSI) 43.40
0.01 0.01	Yield Strength (KSI) 39.20
30	ength (KSI) 39.20
41/20 ×	Elon P
C 0 B	Percent Elongation 18.80
0 7	
0 🖾	Hardness Rockwell E 89.3,89.4,89.5
0 8	3.5
0 82	
T A	Condu
St Co Al O Remainder	ctivity
Other	

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper

David Natale
Quality Control Manager

1 - CUSTOMER COPY

(0,38442

ACIER QUELLETTE DIV-VALLEYFIELD BARRE CARREE ALUMINIUM 6061-T6511 4.50" X 48.0000" PART NO.

Certificate of Mill Test Results

SIGNE PAR

BL VIM-514616 001 de l'analyse faite par un laboratoire qualifie.

5Jul1 7 Pg 1/1

PO/Rel AC00007267

Nous certifions que le document reproduit ici est une copie conforme du rapport foumi par le fournisseur du materiel ou les données résultent

KAISE ALUMINUN FABRICATED PRODUCTS



CERTIFIED TEST REPORT

http://Online.KalserAlumInum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE KALAMAZOO, MI 49048

VIM-641296-2		CUSTOMER PART NUMBER: 328/STK		4.500 SC 80 BAR				
KAISER ORDER NUMBER	LINE ITEM.	SHIF	DATE:	KAISER LOT NUMBER	ALLOY.	TEMPER		
6030643	002	05/	09/2017	200781015	6061	[165 M		
WEIGHT SHIPPED:	QUANTITY:	BAI	NUMBER:	DIAM/DAF/THKNS:	WIDTH	LENGTH:		
1143.000 LB	4.000 PC	S 619	0063			12.000 FT		
SHIP TO:				SOLD TO				



Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARI	ONESS	CONDUCT.	BEND
Z0C781015	C001	0001	56.9	53.9	15.6	RE	93	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

Si.	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi.	Zr	Ea	Tot
0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
.75	.29	. 28	.10	. 94	.09	.06	.02	.00	.00	.00	.01	.03
	0.80	0.80 0.7C 0.40 0.3C	0.80 0.7C 0.40 0.40 0.3C 0.15	0.80 0.7C 0.40 0.15 0.40 0.3C 0.15 0.00	0.80 0.7C 0.40 0.15 1.20 0.40 0.3C 0.15 0.00 3.80	0.80 0.7C 0.40 0.15 1.20 0.35 0.40 0.3C 0.15 0.00 3.80 0.04	0.80 0.7C 0.40 0.15 1.20 0.35 0.25 0.40 0.0C 0.15 0.00 0.80 0.04 0.00	0.80 0.7C 0.40 0.15 1.20 0.35 0.25 0.15 0.40 0.0C 0.15 0.00 0.80 0.04 0.00 0.00	0.80 0.7C 0.40 0.15 1.20 0.35 0.25 0.15 NA 0.40 0.3C 0.15 0.00 3.80 0.04 3.00 0.00 NA	0.80 0.7C 0.40 0.15 1.20 0.35 0.25 0.15 NA NA 0.40 0.3C 0.15 0.00 3.80 0.04 3.00 0.00 NA NA	0.80 0.7C 0.40 0.15 1.20 0.35 0.25 0.15 NA NA NA 0.40 0.3C 0.15 0.00 3.80 0.04 3.00 0.00 NA NA NA	Si. Fe Cu. Mn Mg Cr Zn Ti Pb Bi. Zr Ea 0.80 0.70 0.40 0.15 1.20 0.35 0.25 0.15 NA NA NA 0.05 0.40 0.00 0.15 0.00 0.04 0.00 0.00 NA NA NA NA 0.00 .75 .29 .28 .10 .94 .09 .06 .02 .00 .00 .00 .01

Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 2009 SECT II AMS-QQ-A-200/8A UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILITZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

armen & Macrowshi

Plant Serial: 00286030

Kaiser Order Number: 6030643

Line Item: CO2

old hastery carry that the medicial consensed by then any

Arconic

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

2017-02-23 Ship Date P.O. No./Oort Contract No. B.L. No. 11222555 Non Checomez 00000 Invoice No. 1000894587-2 Arcorac No. Ship From: Arconic Itam RIVERDALE, IA. DPE-94587-2

This see report shall not be expressed except in Sci. where the uniter expressed of the Omitis Department, the standard except in the Conference of the Conference is a standard to be made to the conference. The recording of false, facilities, of otherwise bundled or expressed or extension to conference by any compact may be performed as a thorry seem applicable for rate, early that the medical developed by the excitation has been represent with, and has been hard to good the that requirement described from a finishing say operations forming a part of his countysts; and that countysts counted of the included first the composition toward and that the measured properties stream on the form of the present

Res wheel

Ship To

SAR CITY

111

C 74013 Ln#: 2

SAMUEL SON & CO LT GOGIOIS419R16

Page 1 of 2

CARRY SECTION NOTICE

0.04 IN IN (+0.0000 -.0035) X 48.0 IN H (+ 125 -)
125) X 144.0 IN LN (+.15625 -.15625) CAT D 126862 (N) A/T 6061-Tree Desertpease

TO PLAT SHEET FOR DISTRIBUTORS TOLERANCE
GUARANTEED: AMSGO27 REV. N. AMSHIS.2 REV 2013 EXC MRK ASME-SB209 REV 15 EXC MRK ASTRIBOS REV 14
((MARKED)) EXACT PAPER INSTRIBUTED
MAX GEOSS SKID WGT: 4750 LB QUAN TOL. +/25 % COR D126862 REV 43 CUST REQ 17-0325 % N/E 17-04-01 ***

299257 Package Ticket 786128 J 201 487125 / 2926 Welght 110 Quantity MOC ጸ 27279 47435 27887 Inspector Clock Numbers

Munite Munite

Notes for CQR: D126862,43

PRODUCT PRODUCED TO THE REQUIREMENTS OF AMEAO27 REV M ALSO MEET THE REQUIREMENTS OF AMS-QQ-A-250_11 ORIGINAL REVISIO M DATED

TO THE Long Transv. UTS 183 KST 377 PCT EL-4D

Max Min 42.0

35.0

10

CQR: D126862.43 -Specification Limits

Alloy 6061 Lot: 487125 Chemical Composition Dir Long Transv. Mechanical, Physical, Metallography, Quantometer Results ---min. 10 % 1 m % 0.8 0.7 8.40 0.15 1.2 0.35 0.25 0.15 0.05 0.40 0.15 0.8 0.04 40.6 3 9 ą X8I £ Ω 12.4 H Ra Ch Other Other 0.15 Total Aluminum

An howey comy that the manded descript by the continues not hope to especiate regions where the forest transfer any processions is one had been about the companion of the companion between the companions.

well, and has been found to must the peak of the descriptors and that campion perpention strough on the least of the about

2017-02-23 11	1	3143792 0	
1222555	B.L. No.		
00000	lavoica No.		DION CHILDRE
1000094547-2	Arconic No.	Ship From:	The second of the second second of the second second (A 52/22)
OP8-9458		RIVERDALE, IA	don, IA 52/22

The lest report shall not be reproduced except in SA, without the written experted of the Cherty December the elevation address of this large to the Cherty December to the contract of the Cherty December to the Cherty of the C 2017-02-33 11222585
P.O. No./Gove Contract No.
C 74013 Lnp; 2 SAMUEL SON & CO LT G041015419R16 Customer Arconic No. 1000894587-2 Arconde Item

DP8-94587-2

Field Library

Page 2 of 2

Cast Number Chemical - OMS SI FE CU NM MG CE SM TI Other Each Other Tiled21 Actuals 0.61 0.4 0.26 0.14 0.9 0.15 0.00 0.03 < 0.05 < 0.15	FOE:
68.0 48.7 49.6 49.1 49.1 49.1 49.2 Chemical - OES SI PE CU Actuals 0.61 0.4 0.	FOE: 48/125
- CESS SET FE CO. 4 9 9 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- Hech
	anical,
	Physi
90	cal.
	Mecall
	Advance
9 5	0
	incomet.
0.00	er Re
0.1 03	
Other	4400
41.1 12.4 41.1 12.6 40.9 12.5 41.1 12.7 41.3 12.6 41.3 12.6 41.3 12.6 41.3 12.7 41.3 12.6 41.0 CR SN TI Other Each Other Total 0.14 0.9 0.16 0.00 0.03 < 0.05 < 0.15	

eficarial was melted in the United States or a Qualifying Country [REF DFARS 225.072.1(a)]; it was menufactured in the United States

1224171-3	
CUSTOMER PO NUMBER: WORK PACKAGE: CUSTOMER PART NUMBER: SHIP RUN/LOAD: GOV'T CONTRACT NUMBER: C73458-3 KAISER ORDER NO: SHIP DATE: ALLOY: CLAD: TEMPER: PRODUCT DESCRIPTION: L224171-3 WEIGHT SHIPPED: QUANTITY: TRUCK B/L #: GAUGE: 0.0800 IN 1225 LB Serial Number 4441872 SHIP RUN/LOAD: GOV'T CONTRACT NUMBER: SHIP RUN/LOAD: GOV'T CONTRACT NUMBER: D03762/19 KAISER ORDER NO: LENGTH: LENGTH: 144.000 IN 144	
C73458-3 KAISER ORDER NO: 1224171-3 SHIP DATE: 1-DEC-2016 2024 BARE T3 Kaiser Stretched WEIGHT SHIPPED: 3225 LB SR PCS EST. SHIP DATE: ALLOY: CLAD: TEMPER: PRODUCT DESCRIPTION: Kaiser Stretched DIAMETER/WIDTH: 48.000 IN (1219.2 MM) (1219.2 MM) (1219.2 MM)	
C73458-3 KAISER ORDER NO: 1224171-3 WEIGHT SHIPPED: 3225 LB SHIP DATE: 1-DEC-2016 ALLOY: 1-DEC-2016 CLAD: 1-DEC-2016 ALLOY: 1-DEC-2016 CLAD: 1-DEC-2016 ALLOY: 1-DEC-2016 ALLOY	
KAISER ORDER NO: SHIP DATE: ALLOY: CLAD: TEMPER: PRODUCT DESCRIPTION: 1224171-3	
1224171-3	
WEIGHT SHIPPED: QUANTITY: TRUCK B/L #: QAUGE: 0.0800 IN 144.000 IN 1219.2 MM) S8 PCS EST. 2063781 CAUGE: 0.0800 IN 144.000 IN (1219.2 MM)	
3225 LB 58 PCS EST. 2063781 0.0800 IN 48.000 IN (1219.2 MM) 144.000 IN	
	(3657.6 MM
MHU 2062094: LOT 200838B1: 58 pieces; 01/1/00 DAS 48 Certified Specifications /AMS 4037/RevQ CMMP 019/RevD /AMS-QQ-A-250/4/RevB /CMMP 025/RevV ASTM B 209/Rev14	
Test Code: 1504 Lot: 200838B1 Cast 300 Drop 98 Ingot 2 Melted i	in USA
(ASTM E8/B557) (EN 2002-1) Tensile: Temper Dir / # Tests Ultimate KSI (MPA) Yield KSI (MPA) Elongation % T3 LT / 2 (Min:Max) 66.0 : 66.6 45.6 : 46.1 17.0 : 18.1	
(314.310)	
(ASTM E1251)	
Chemistry: SI FE CU MN MG CR ZN TI V ZR Actual(wt%) 0.08 0.19 4.8 0.58 1.3 0.01 0.10 0.03 0.01 0.00 TOT	
ALLOY LIMITS	OTHER 0.05

SI

0.00

0.50

2024 MIN(wt%)

MAX(wt%)

FΕ

0.00

0.50

CU

3.8

4.9

MN

0.30

0.9

MG

1.2

1.8

Aluminum Remainder

CR

0.00

0.10

ZN

0.00

0.25

TI

0.00

0.05

0.00

0.15

ZR OTHER

EACH

TOT

0.00

0.05

MAX

0.05

0.15



Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number 4441872

CERTIFICATION

- Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

 * has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.

 All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification illmits, mechanical properties are as shown herein and chemical composition meets specification requirements, because have been measured as elongation at fracture.

 * was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.

 * has been thermally processed in compliance with AMS 2772, where applicable.

 * is mercury free, within the limits of detection of ASTM E1215 (<1ppm).

 * is in compliance with RoHS 2, European Union Directive 2011/85/EU.

 * is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.

 * is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.

 * is free of weld repeir.

- is free of weld repair.

** meets the reporting requirements of EN10204, Type 3.1.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

Page 2 of 2

ememory

NAS

17505

METALLURGICAL TEST REPORT

North American Stainless Canada Inc. 740 Imperial Road North Guelph, ON NIKIZ3

Certificate: 107119 740 Imperial Road North UI

Customers Mail To:

007035 510

Ship To:

Date: 10/22/2015

Finish > co

Steel 1/303

MAS Order: PN 0056401 02

Corrosion;

ASTM A582/12 EN 10204 3.1, ASTM A484/11 Round Bar, annealed, Cold Draw PRODUCT DESCRIPTION: Your Order

770967

SOLUTION ASSESSAL TEMP 1900F MIN

AMS 5640U TYPE 1, QQS-764B COMBITION A

IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION 2011/65/EU.ROBS. EAF+AOD+CC. NO WELD NEPAIR. NEL/TED AND NOG COMPLIES W/REQUIREMENTS OF DFAM 252.225-7009 MU DIRECTIVE REMARKS:

0.4

1140 H 68. DAS

CHEMIC Product BH4444 0 Id AL ANALY Skid # Diameter 7500 8120 Weight ----Length----144.00 Mark. Pieces Commodity Code 71469845

ເກ

Н

(O

CM(Country of Melt)

ES(Spain) US(United States) ZA(South Africa) JP(Japan) Lab Accreditation Bureau, ISO/IEC 17025, Certificate# 12323

M4B3 TARKE 80 0 60 O . 3495 .0473 ar je. % IS 8 . 1185 . 4945 17.2850 **S** * D .3305 % NOT 1.7960 360 % .2720 M .0532 8.3575 A TH Chemical Analysis per aSTM A751/08 Pg. .0310 æ

MECHAN HC **≯** L М ROPE N H H to

18 H 0 0 0	Product Id
30	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
L 332.0	7 303 No.
82.69	. 275 K91
102.54	UTS STU
34.29	N YX
23.26	Ting

tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS. of the test methods used, the material meets the specifications stated. These results relate only to the items NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy

> Dept. Mgr. Technical

ABHIJEET BHAVE

188hans

10/22/2015

387283 .0.2

VCS 883

YCIES COSTISLIS INC

Page: 1

STAINGES STEEL COIL, C.R. ANDEALED & PICKLED. UNS 30400/30403 ASTM A240/15b,A480/15,A666/15;ASDE SA240/15,SA480/15,SA666/15 BENEFACTORED IN MALAYASIA 0

METALLURGICAL TEST REPORT

6870 Highway

Ghent, KY 41045-9615 (502) 347-6000

Cartificater 253625 N

Mail

To:

Customer:

007035 021

PRODUCT Your Orders

DESCRIPTION:

788462

生し 下リ

レレーノロイン・ひー

NAS

North American Stainless Canada Inc. 740 Imperial Road North Guelph, ON NIKIZ3

Ship To:

Steel: (304/304L) Date 1/10/2017

Page

_

Finish: 2B

Corresion: ASTM A262/15;180Bend-OK

MAS Order: DS 0011167 01

REMARKS:

EN 10204:2004 3.1; RoHS 1 & 2 Compliant Mat'l is Free of Mercury Contamination. Product Mfg.by a Quality Mgt.Sys. in Conf. w/180 9001 Steel Making Process: EAF, AOD, & Cont. Casting Material is Free of Radioactive Contamination ð weld repairs

Product TIOLAV Id Supplier A00304 63A Hd Skid # Thickness .0450 Width 48.0296 Weight 24,908 TIOS -Length---Mark Pieces Commodity Code 74261496

H ন 3 Н C b H Þ Z ALY CO Н ζQ. CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

DASHEAT Supplier# U OLAV 25 2 n 0200 æ 18.2000 CE % 1.8200 N K × 0800 % IN 6.0000 .0290 T/A .0020 æ 18 .3600 H

3 H n HANIC Þ ы d Ħ 0 Ю M z F H P ÇQ.

11014	Product Id
A00304 63A FT 95.72	Product Id Supplier Id
16 19	4 0 0 P
95.72	UTS 200
48.59 48.00	20C .2% YS 20C ELONG % Hard E. KSI %-2" RE
48.00	C ELONG 5
88 LX. 00	Hard RB
86.00	Tail Hard

NAS hereby certifies that the enalysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Dept. Mgr. Technical

KRIS LARK

1/11/2017



Test de dureté Rockwell Rockwell Hardness Test

Client / Customer:

LES ACIERS TRANSBEC (1997) LTEE.

Adresse / Address:

4054 BOUL. LE CORBUSIER # 201

LAVAL QC H7L5R2

commande

6120924

bon de commande / Purchase order #:

de matrice / Die #: MS 9903

Description: 3/8"ROD

Alliage & trempage / Alloy & temper: 6061 16

Longueur / Lenght:

6097 mm

de contrôle / Control #:

82386-1

68219

de coulée / Cast #:

Dureté Rockwell E /

Min. requis /

Rockwell E hardness: 89 HRE

Min. required: 88 HRE

Max. permis /

Max. permitted: 100 HRE

Composition chimique typique / Typical chemical composition:

	Si	Fe	Cu	Mn	Mg	Cr	Zn	TI_
6063	0.20 - 0.60	0,35 Max	0,10 Max	0,10 Max	0.45 - 0.90	0,10 Max	0,10 Max	0,10 Max
6005	0,60 - 0,90	0,35 Max	0.10 Max	0,10 Max	0,40 - 0,60	0,10 Max	0,10 Max	0,10 Max
6005A	0.66-0.74	0,14 - 0,28	0,08 - 0,16	0.18 - 0.26	0.46 - 0.54	0,03 Max	0,05 Max	0,05 Max
6061	0,40 - 0,80	0,70 Max	0,15 - 0,40	0,15 Max	0.80 - 1.20	0,04 - 0,35	0,25 Max	0.15 Max
6351	0.7 - 1.3	0.5 Max	0,10 Max	0,40 - 0,80	0,40 - 0,80		0,20 Max	0.20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme (ASTM B-221-1) excepté pour la section 8.2 (nombre de spécimen).

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen).

Sincèrement vôtre,

date: 2017-01-27

Yours truly,

Gilles Pelletier

Technicien de la qualité

Quality technician

ACIER OUELLETTE DIV-VALLEYFIELD

BARRE RECT. ALUMINIUM 6061-T6511 2.00" x 3.50" X 144.0000" PART NO.

PO/Rel AC00007277

une copie conforme du rapport fourni par le fournisseur du materiel ou les données resultent Nous certifions que le document reproduit ici est

CERTIFIED INSPECTION REPORT AND TEST RESULTS

FOR EXTRUDED PRODUCTS

de l'analyse faite par un laboratoire qualifie. SIGNE PAR:

Certificate of Mill Test Results BL VIM-514609-001

.Pg 1/1

Service Center Metals

Prince George, VA 23875 5850 Quality Way

MANUFEST NUMBER

CUSTOMER PO VIM-640685 329106

WHERE ! AOTIV 6061-T6511

OT WILE

Quantity Certified

6,276 lbs

63pcs

CUSTOMER PART NUMBER

MRB0481

MORB 2.000x3.500 4

DIE NEMBER MRB0481

SALESPERSON

DATE OF SHIPMENT D.Schroeder (Canada) 4/11/2017

ASTM-B221-1/4 StencilCont

MERTIN KROBIO BINC 290564 ത

CERTIFICATION

AMS-QQA-200/8 Rev-A CIFICATION

description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and cartified as 6061-T6511 also meet the requirements of 6061-T6. revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification

2 201705538	2 201703502		Tests Lot No.	Mechanical Properties
200	3/4/17			Test Date
47.40	50.60	min	In in Fuance	Ultimate Tensile
	51.40			
	47.60		[Not]	Yield Strength
	48.50			ngth
0.00	15.90	min	rion,	Percent

				S. T. Y.	2						he USA.	ured in t	SCM extrusions are manufactured in the USA.	SCM extrusio	
Print Date: 4/11/2017															
United States of America	0.15	0.05	97.45	0.02	0.07	0.08	0.86	0.11	0.31	0.39	0.71	6061	201705538	03241706	
United States of America	0.15	0.05	97.44	0 02	0.07	0.09	0.84	0.10	0.32	0.40	0.72	6061	201705538	03221702	
Unded Stales of America	0.15	0.05	97.40	0.03	0.03	0.10	0.89	0.12	0.31	0.39	0.75	6061	001MHZ0214B 201703502	00TM470214	
United States of America	0.15	0.05	97.39	0.03	0.02	0.09	0.90	0.13	0.31	0.38	0.77	6061	001M170213B 291703502	001M170213	٥٫
													/		9
Melt Source:	<u>Total</u>	Each	<u>P</u>		Zn	10	Mg	Mn	5	Fe	S	Alloy	Lot No.	Cast#	28
								L	6061	m Allo	uminu	for A	Chemical Composition for Aluminum Alloy 6061	Chemical	

#3430

FESS-20948564213

NAS

METALLURGICAL TEST REPORT

6870 Kighway 42 East Ghent, KY 41045-9615 (502) 347-6000

North American Stainless Canada Inc. 740 Imperial Road North Guelph, ON MIKIZ3

Cortificate: 245735

Your Order: Cuntonori 007035 501

785809

PRODUCT DESCRIPTION:

SANTALEDS STEEL COIL, C.H. ANNEALED & PICKLED; UNS 30400
ABTE A34D/15b, A48D/15, A666/15; A88E 3A240/15, SA460/15; SA666/15

CHEM -BAILY ON FOLLOWING ASTE: A776/16, A464/15, A312/16
CHEM ONLY ON FOLLOWING ASTE: 9A312/13; SA479/13
ANS 5513 ZERK; MIL-S-505D ANEND3 (X CROUM MEAS)
NACE M30175/130 15136-3:2009 A, HR3013/07/099765D-A X NAG PERM
MIN. SOLUTION ANNEAL TEHT 1900F, WATER QUENCHED SOLUTION ANNUAL TEN? 1900F, WATER QUENCHED

NAS Order: PN 0072898 04

Corresion: ASTM A262/15 A/180Bend-OK

Finish: 2B

Steel: 304

Dute: 12/12/2016

Page:

Stael Making Process: EAF, AOD, & Cont. Casting Froduct MTg.by a Quality Mgt.Sys. in Conf. w/ISO 9801 Material is Free of Radioactive Contamination EN 10204:2004 3.1; ROHS 1 & 2 Compliant REMARKS:
Mat'l is Free of Mercury Contamination. No weld repairs.

*Welted & Manufactured in the USA; Met'l is DYAMS Compliant

		ZZZX	1	MIC	04222X A	Product Id
	00	5	DAS	AL	0	0
		SD	3	ANA	04222X A	Coil #
.2475	SI W	. 0637	80	ANALYSIS		Skid
		.0637 18.0080	CR %	CM(Count	.02	Skid # Thickness Nidth
		. 3655	CU %	ry of Melt)	.0360 48.	es Nic
		1.7640	% NDC	ES(Spain	48.0000	lch
		0.05) US(Unit	15, 850	Hoight
		.2635	% OX	ed States)	15,850 COIL	
		. 0695	N %	Lab Ac ZA(South Al		Length-
		8.0280	% IN	CM(Country of fielt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Ch	14	Length Nark Pieces
		.0305	% %	Bureau	ja.	Pioces
		.0010	LQ JP	, ISO/IEC 17025, Certificate# L2323 Chemical Analysis per ASTN A751/14a	74257403	Conmodity Code
				7025, Cer alysis pe		Code
				TASTN A7		
				L2323		

MECHANIC b H М ROPERTIE TQ.

AC3886

	04222X A	Product Id# Coll
	D4222X A	Coll #
	7 1	14 to by
	F T 103.42	UTS
	56.92	20C .2% YB 20C ELONG 9
	47.45	C ELONG
	89.50	% Hard
	89.00	Tadl Hard
	10.00	Grain No.

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical Dopt. Mgr.

KRIS LARK

12/12/2016



Abnahmeprüfzeugnis 3.1 (EN 10204) Inspection certificate - mill certificate

Nr.: 85172797

01/1

Rev.: 0

Seite / page:

1 von / of 2

Zerditziert nach/ contited to ISO 9001, ISO/TS 16549, EN/AS 9100, ISO 14001, NADCAP

Datum / date:

2015 04 17

·	Bestell Nr. / order no.: Datum / date:	C 69654 2014 11 27
	Auftragsbest. Nr. / order confirm no.: Datum / date:	685221 2014 12 02
	Lieferschein Nr. / delivery note: Datum / date:	85172797 2015 04 30

Ministry Charles But have been

DAS

Produkt / product

Form / form: Sheet

Werkstaff / material: 6061

Zustand Lemper: T6

Dim. / dip.: [inch]: 0,125x48,00x144;00

Bedingungen / terms

Technische Lieferbedingungen / techn. spec.:

AMS QQ A 250/11, 08.1997 ASTM B 200 - 10 AMS 4027N, 07.2008 Cessna CMMP019, Rev. D, 09-07-01 Cessna CMMP025, Rev. V, 2-20-15

Sondervorschrift / special terms:

AB Pos	BNr/Los/Tellios		Werkstoff material	Kollo packno.	Gewicht netto	Stk. pcs.
ordItem	Lot/No JPart	01/0068262/5	6061	6852210011	2367,725 lbs	28
10	69100/01/01		6061	6852210012	2367,725 lbs	28
10	69100/01/01	01/0068262/5	6061	6852210013	2367,725 lbs	28
10	69100/01/01	01/0068262/5		6852210014	930,335 lbs	11
10	69100/01/01	01/0068262/5	6061	0032210014		

mische Zusamin	ensetzung ([%] Ge	والتعفيد الدراها	100	V 70 11 15 1	1 2 2 2						
Guss Nr. Feast no	material							Zn	Ti	Others	Othe
01/0068262/5	6061	SI	Fe	Cu	Mn	Mg	a	Zn		Each	Total
11/0006202/3	spec, min.	0.40		0,15		0,80	0.04	•	•		
		0,80	0,70	0,40	0,15	1,20	0,35	0.25	0,15	0.05	0,1
	spec. max.	0.71	0,41	0,22	0.14	0,97	0,17	0,11	0.04	0,02	0,0

	LT / tensile	Richtung	Tests		UTS	YS	A2"	 	
BNr/Los	Zustand		10010	_	[ksl]	[ksl]	[%]	-	_
Lat/No.	temper	direction		spec.min.	42.0	35,0	10		
				spec.max.	-	-	-		-
20100101	Т6	LT	8	from	47,1	41,2	14		-
59100/01	T6	LT		to	48,0	42,1	15		



MATERIAL RECEIPT INSPECTION FORM

MATERIAL CERT REC'D: 455 QUANTITY RECEIVED: 251 QUANTITY INSPECTED: 251 QUANTITY REJECTED: 51 SHEET SIZE RECEIVED: 51 SHEET SIZE RECEIVED: 51 SHEET SIZE RECEIVED: 51 SHEET SIZE RECEIVED: 51 A THICKNESS ORDERED: 51 SHEET SIZE RECEIVED: 51 THICKNESS ORDERED: 51 THICKNESS ORDER
DESCRIPTION (Check Y/N) NCR (Check Y/N)
SURFACE DAMAGE Y (D)
CORRECT FINISH Ø N
CORROSION Y 🕟
CORRECT GRAIN DIRECTION (Y) N
CORRECT MATERIAL PER M-DRAWING (V) N ASTM BU
CORRECT THICKNESS N N
PHOTO REQUIRED Y 🔊
CORRECT REF # TO LINK CERT (Y) N SX DLOGO
CORRECT MATERIAL IDENTFICATION (V) N
CORRECT M# ON THE MATERIAL V N
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF Y
DOES THIS REQUIRE AN EXTRUSION REPORT Y
CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.
RECORD RESULTS BELOW
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
	DAS	
INSPECTED BY:	9	SIGNED OFF BY:
_	9-89	
DATE:	n. D1.11	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

B

SPECIFICATION:

PART NUMBER:

OQ-A-225/8 OR AMS-OQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-OQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221 ... 3 5 7 6 ... 3

M6061T6B T.TTT X WW.WWW THICK MIDTH

3.89

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

MFG APPR. APPROVED DRAWN CHECKED DESIGN REV B REMOVE QG-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZN D7-1) 09.07.13 NEW ISSUE DESCRIPTION 6061-T6 BAR HAWKESBURY, ONTARIO, CANADA DRAWING NO.

M6061T6B St NTS
COPRIGIES DONEY DARY AEROSPACE LTD
COPRIGIES OF DONEY DARY AEROSPACE LTD
COPRIGIES OF DONEY DARY AEROSPACE LTD
COPRIGIES OF DONE OF DONE OF DARY AEROSPACE LTD
COPRIGIES OF DONE OF DONE OF DARY AEROSPACE LTD
COPRIGIES OF DONE OF DONE OF DARY AEROSPACE LTD
COPRIGIES OF DONE OF DONE OF DARY AEROSPACE LTD
COPRIGIES OF DONE OF DONE OF DARY AEROSPACE LTD
COPRIGIES O DART AEROSPACE LTD SO g SHEET 1 OF 1 01.06.08 09.07.13 DATE REV. B

0

MATERIAL RECEIPT INSPECTION FORM

MATERIAL CERT REC'D:	W	1			SS ORDERED:		
MATERIAL CERT REC'D:	11	hì		THICKNE	SS RECEIVED:	.750	
QUANTITY INSPECTED:	6	b'			ZE ORDERED:		
QUANTITY REJECTED:	10				ZE RECEIVED:		
	NO	CR					
DESCRIPTION	1.	eck (N)		С	OMMENTS		
SURFACE DAMAGE	Y	(N)					
CORRECT FINISH	(1)	N					
CORROSION	X	D					
CORRECT GRAIN DIRECTION	(X)	N					
ORRECT MATERIAL PER M-DRAWING	W	N	ASTM	-2.21			
CORRECT THICKNESS	0	N					
PHOTO REQUIRED	X	(0)	1017	71100	K3		
CORRECT REF # TO LINK CERT	8	N	141=1+1	# 6854	2-SDX (.50)		
ORRECT MATERIAL IDENTFICATION		N	7606	6165.4	-30x1.300	,	
CORRECT M# ON THE MATERIAL	(4)	N	191371	30			
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	N		· · · · · · · · · · · · · · · · · · ·			
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	N					
CUT SAMPLE PIEC		* B A A T	EBIAL AND	DDEEODM A	HAPDNESS	HECK	
CUT SAMPLE PIEC			ORD RESULT		I ANDINEGO O	112011	
			HRC	HRB	DUR A	DUR D	
TYPE OF MATERIAL			1,,,,				
SIZE OF TEST SAMPLE							
HARDNESS / DUROMETER REA	ADIN	G					
717 (1172)			located in the	Quality Office			

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

0

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR SPECIFICATION:

O

OQ-A-225/8 OR AMS-OQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR OQ-A-200/8 OR AMS-OQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B22 -7 50 ×1.500

B

PART NUMBER:

M606176B T.TTT X WW.WWW WHERE "T.TTT" = THICKNESS IN INCHES "WW.WWW" = WIDTH IN INCHES THICK WIDTH

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

 \cap

DATE	DE APPR.	APPROVED	MFG. APPR	CHECKED	DRAWN	DESIGN	REV	>	69
09.0	ō	VED	PPR.	ED	-	40		NEW ISSUE	ASTM B
09.07.13		1		200	8	DS		SUE	REMOVE QQ-A-250/11 OPTI ASTM B211/B221 (ZN D7-1)
	1	1	2	V)			D		0/11 O ZN D7
COPYRIGHT © 2001 BY DART AEROSPACE LTD this document shrivest via one querie, who is supplied on the luthing is described that it is not 10 to 00 under the hard old or one under the latest can be therefore which is with the indicate the latest and the latest and the latest and with the indicate the latest and the latest and with the indicate the latest and with the latest and w	6061-T6 BAR	TITLE	M606116B	DRAWING NO.	HAWKESBURY, ONTARIO, CANADA	DART AEROSPACE LTD	DESCRIPTION		REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZN D7-1)
ROSPACI M TELUPMEN ED TEANNOT					, CANA	CEL	ВΥ	DS:	Ç
S CONDICTOR WAS IN IN IN INCIDENT IN INCID	NTS	SCALE	SHEET 1 OF 1	REV. B	DA	TD	DATE	01.06.08	09.07 13
						Þ			

DATE: 17-07-11		0.750		PC	O / BATCH NO.:	7031886/HI37930
MATERIAL CERT REC'D:				THICKNE	SS ORDERED:	.150
QUANTITY RECEIVED:	1.			THICKNE	SS RECEIVED:	. רצר.
QUANTITY INSPECTED: \\	,			SHEET S	IZE ORDERED:	/ /
QUANTITY REJECTED:	7			SHEET S	ZE RECEIVED:	W/A
;						
DESCRIPTION	(Ch	CR eck		C	OMMENTS	
		N)				
SURFACE DAMAGE	Y	(1)	***			
CORRECT FINISH	8	N				
CORROSION	8	N				
CORRECT GRAIN DIRECTION CORRECT MATERIAL PER M-DRAWING	36	N	ASTM 32	1		
CORRECT THICKNESS	8	N	42111 PT			
PHOTO REQUIRED	Y	(1)	***			
CORRECT REF # TO LINK CERT	(1)	N	3B3822	-		
CORRECT MATERIAL IDENTFICATION	7	N	700000		-	
CORRECT M# ON THE MATERIAL	0	N				
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	(4)				
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(3)				
CUT SAMPLE PIECE	E OF	MAT	ERIAL AND P	REFORM A	HARDNESS C	HECK.
	F	RECO	RD RESULTS			
TYPE OF MATERIAL			HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE						
HARDNESS / DUROMETER REA	DIN	G				
	te	esters	located in the Qu	ality Office		

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
	DAS	
INSPECTED BY:	9	SIGNED OFF BY:
	9-69	
DATE:	17.07.11	DATE:

SPECIFICATION CONTROL DRAWING

D

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

M6061T6B T.TTT X WW.WWW

8

SPECIFICATION:

PART NUMBER:

DE APPR. MFG APPR.
APPROVED DRAWN DESIGN REV A NEW ISSUE 09.07.13 REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZN D7-1) DESCRIPTION 6061-T6 BAR DRAWING NO.
M6061T6B COPYRIGHT © 2001 BY DART AEROSPACE LTD THIS DOCUMENT IS NOWN TO COMPOUNT A MODERN THE SERVICE OF THE CAPALSE COMPOUNT HAT IT IT IN THE LIGHT OF ANY THE PROPERTY OF COMPOUNT AND THE SERVICE OF CONTROL OF CONTRO DART AEROSPACE LTD Ç BY DS SHEET 1 OF 01.06 08 DATE 09.07.13 REV. B SCALE

 \cap

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

THICK

HIDIM

➣

G

DATE: 17.07.1		51.0	7X2.20	P	O / BATCH NO.:	<u> PO36886/MI379</u> 8
MATERIAL CERT REC'D: QUANTITY RECEIVED: QUANTITY INSPECTED: QUANTITY REJECTED:				THICKNE SHEET S	ESS ORDERED: ISS RECEIVED: IZE ORDERED: IZE RECEIVED:	. 097"
DESCRIPTION	(Ch	CR eck (N)		(COMMENTS	
SURFACE DAMAGE		N				
CORRECT FINISH	(V)	N				
CORROSION	Y	(1)				
CORRECT GRAIN DIRECTION	(A)	N				
CORRECT MATERIAL PER M-DRAWING	(A)	N	ASTM BZ	.21		
CORRECT THICKNESS	(1)	N				
PHOTO REQUIRED	Υ	(1)				
CORRECT REF # TO LINK CERT	\otimes	N	HT= 6795	56	_	
CORRECT MATERIAL IDENTFICATION	8	N				
CORRECT M# ON THE MATERIAL	8	N	-			
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	(4)	-			
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	0				
CUT SAMPLE PIECE			ERIAL AND PE		HARDNESS C	HECK.
			HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL			111.0		00	
SIZE OF TEST SAMPLE		ŀ				
HARDNESS / DUROMETER REA	DIN	G				
THE THEORY DONOR LICENTE			located in the Qua	ality Office	1	

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY:	9 9	SIGNED OFF BY:
DATE:	1).07.11	DATE:

SPECIFICATION CONTROL DRAWING

SPECIFICATION: PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR 0

8

PART NUMBER:

M6061T6B T.TTT X WW.WWW THICK

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

WIDTH

כט.ג אכט.ו

9-89 9

DATE 09.07.13 MFG. APPR. APPROVED DRAWN CHECKED DESIGN REV B REMOVE QQ-A-250/11 OPTION. REFORMAT NOTES, ADD ASTM 8211/8221 (ZN D7-1) A NEW ISSUE HAWKESBURY, ONTARIO, CANADA DRAWING NO.
M6061T6B 6061-T6 BAR DART AEROSPACE LTD DS DS CP SHEET 1 OF 09 07 13 01.06 08 DATE REV. B SCALE >

O

MATERIAL CERT REC'D: QUANTITY RECEIVED: QUANTITY INSPECTED: QUANTITY REJECTED:				THICKNES SHEET SI	ZE ORDERED:	4.50	
DESCRIPTION	(Ch	CR leck (N)		C	OMMENTS		
SURFACE DAMAGE	X	(4)					
CORRECT FINISH	(A)	N					
CORROSION	Y	W					
CORRECT GRAIN DIRECTION	(X)	N	4				
CORRECT MATERIAL PER M-DRAWING	Ø	N	A8377.	-B221-1	4		
CORRECT THICKNESS	(8)	N	`				
PHOTO REQUIRED	Y	(1)		17 1 0			
CORRECT REF # TO LINK CERT	Ø	N	HFA-1-	41070			
ORRECT MATERIAL IDENTFICATION	ICY	N	Medel	TLOBY.	50 X4.51)	
CORRECT M# ON THE MATERIAL	(A)	N	M1379	30			
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	R					
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(N					
CUT SAMPLE PIEC			TERIAL AND F		HARDNESS (HECK.	
			HRC	HRB	DUR A	DUR D	
TYPE OF MATERIAL							
SIZE OF TEST SAMPLE							
HARDNESS / DUROMETER RE	الاال	G					

OC 18 INSPECTION

INSPECTED BY:

DATE:

DATE:

DATE:

ENGINEERING SIGNOFF (if required)

SIGNED OFF BY:

DATE:

SPECIFICATION CONTROL DRAWING

 \bigcirc

SPECIFICATION: PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR D

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B22)

B

PART NUMBER:

M6061T6B T.TTT X WW WWW

THICK

WIDTH

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

WHERE "T. TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

4.30 × 4.50

68 t

ELEASE

MFG. APPR.
APPROVED DRAWN DESIGN REV B REMOVE QQ.A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZN D7-1) A NEW ISSUE M6061T6B DESCRIPTION 6061-T6 BAR COPPRIGHT © 2001 BY DART ARROSSPACE LTD.

1-1-000ARRIS READ SHOWN THE RECORD AND LOWER CONTROLLED AND LOWER CONTRO DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA Q SO SHEET 1 OF 1 01 06.08 09.07.13 DATE REV. B ➣

09.07.13

 \cap

DATE: 11.07.				P	O / BATCH NO.:	Y036886/MI37
MATERIAL CERT REC'D: QUANTITY RECEIVED: 17	۲' ۲'		THICKNE	2.00		
QUANTITY INSPECTED: 17				SHEETS	IZE ORDERED:	1.3.15
QUANTITY REJECTED:				SHEETS	IZE RECEIVED:	N/A
<u></u>				022.		
DESCRIPTION	(Ch	CR leck (N)		C	COMMENTS	
SURFACE DAMAGE	Y	0				
CORRECT FINISH	8					
CORROSION	Y	N				
CORRECT GRAIN DIRECTION	0	N				
CORRECT MATERIAL PER M-DRAWING	0	N	ASTM B	الحد		
CORRECT THICKNESS	(1)	N				
PHOTO REQUIRED	Y	(1)				
CORRECT REF # TO LINK CERT	(3)	N	HT# 001	HNOZIBB		
CORRECT MATERIAL IDENTFICATION		N				
CORRECT M# ON THE MATERIAL	8	N				
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(1)				
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(1)				
CUT SAMPLE PIECI	E 0F	. 8447	TERIAL AND	DEEOBM A	HABDNESS	NEON
COT SAMPLE FIECE			ORD RESULT		HARDNESS C	THEOR.
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER REA			HRC	HRB	DUR A	DUR D
			located in the C	Quality Office	*	•

QC 18 INSPECTION	2 41 5	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	9.89	SIGNED OFF BY:
DATE:	17.07.11	DATE:

SPECIFICATION CONTROL DRAWING

0

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR SPECIFICATION:

O

OR A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-005/400/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
7. 00 Y 2 CO

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000 WHERE "T.TTT" = THICKNESS IN INCHES
"WWW.WWW" = WIDTH IN INCHES B

PART NUMBER:

THCK

HIDIM

M6061T6B T.TTT X WW.WWW 2.00 × 3.50

68.6 69.0

CHECKED
MFG. APPR.
APPROVED DRAWN DESIGN REV A NEW ISSUE REMOVE QQ.A-250/11 OPTION, REFORMAT NOTES, ADD CP DESCRIPTION 6061-T6 BAR DRAWING NO.

M6061T6B

SH DART AEROSPACE LTD SO SHEET 1 OF 09 07 13 DATE 01 06.08 REV. B SCALE >

09.07.13

DELEASE Took -08-09

REV. B SHEET 1 OF 1 09 07 13 DS 01 08 08 DATE DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO.
MGOG 1T6B
SHEE B REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD CP ASTM B21/18/221 (ZN D7-1)
A NEW ISSUE
REV 6061-T6 BAR DATE 09.07.13 DESIGN DRAWN CHECKED MFG. APPR.

00

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION:

QQ-A-2258 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8 OR AMS-QGEA-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B22D

WHERE "T.TTT" = THICKNESS IN INCHES "WW.WWW" = WIDTH IN INCHES M6061T6B T.TTT X WW.WWW THICK WIDTH

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

41/40/41 AI

1.00x4.00

SPECIFICATION CONTROL DRAWING

PART NUMBER:

(8)

۵

MATERIAL CERT REC'D: QUANTITY RECEIVED:	(_)					1.00	
QUANTITY RECEIVED:	21	1		THICKNE	SS RECEIVED:	1.00	
QUANTITY INSPECTED:	24	1		SHEET SI	ZE ORDERED:		
QUANTITY REJECTED:				SHEET SI	ZE RECEIVED:		
		CR					
DESCRIPTION		eck (N)		С	OMMENTS		
SURFACE DAMAGE	Υ	(N)					
CORRECT FINISH	(Y)	N					
CORROSION	Υ	(N)					
CORRECT GRAIN DIRECTION	(8)	N					
ORRECT MATERIAL PER M-DRAWING	(Y)	N	ASTM	B22/			
CORRECT THICKNESS	8	N					
PHOTO REQUIRED	Υ	D			16/		
CORRECT REF # TO LINK CERT	N	N	HEATI	7335	104		
DRRECT MATERIAL IDENTFICATION	-	N	Millely	1651.0	LX9.10		
CORRECT M# ON THE MATERIAL	(Y)	N	M1377	80			
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	Ń					
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	N					
CUT SAMPLE PIECE	- 0	- NAA	EDIAL AND	DEECRM A	HARDNESS (HECK	
COT SAIVIPLE PIECE			ORD RESULT		17.11.011.200		
			HRC	HRB	DUR A	DUR D	
TYPE OF MATERIAL							
SIZE OF TEST SAMPLE							
HARDNESS / DUROMETER REA	DIN	G					

INSPECTED BY: SIGNED OFF BY: DATE:

ENGINEERING SIGNOFF (if required)

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

QC 18 INSPECTION

MATERIAL CERT REC'D	111	1.)		THICKN	ESS ORDERED:	1.25
MATERIAL CERT REC'D: QUANTITY RECEIVED: OHANTITY INSPECTED:	0, -	7			ESS RECEIVED:	
QUANTITY RECEIVED.	10	``				
QOARTH FIRES LOTED.						
QUANTITY REJECTED:				SHEET	SIZE RECLIVED.	
	1 616					
DECORIDEION		CR eck			COMMENTS	
DESCRIPTION		N)			001111111111111111111111111111111111111	
SURFACE DAMAGE	Y	N				
CORRECT FINISH	(Y)					
CORROSION	Y	(N)				
CORRECT GRAIN DIRECTION	0	N				
CORRECT MATERIAL PER M-DRAWING	N	N	ASTM	B221		
CORRECT THICKNESS	(8)	N				
PHOTO REQUIRED	Υ	10				
CORRECT REF # TO LINK CERT	(8)	N	4E4T7		25431A	
ORRECT MATERIAL IDENTFICATION		N	MGO(e)	6131-9	50X1.25	
CORRECT M# ON THE MATERIAL	(Y)	N	M13-2018	$D_{}$		
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	(1)				
DOES THIS REQUIRE AN		4.1				
EXTRUSION REPORT	Υ	N				
CUT SAMPLE PIEC					HARDNESS C	HECK.
		REC	ORD RESULTS		- I - Side A	DUDD
			HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL						
			1			
SIZE OF TEST SAMPLE HARDNESS / DUROMETER RE/						

DELEASE Z009 -08- 05

SHEET 1 OF 1 REV. B 09.07 13 DS 01.06.08 6061-TG BAR STATE OF THE SCALL
REGULATION OF THE STATE OF THE SCALL
COPTING TO SENT BY DAIL'A STATE OF STATE OF THE SCALL
THE WAS THE STATE OF THE STATE OF THE SCALL OF THE STATE OF THE S DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO
W606176B
SHEE O_O B REMOVE QQ.A.250/11 OPTION, REFORMAT NOTES, ADD ASTM B21/18/21 (ZN D7-1)
A NEW ISSUE DE APPR. DATE 09.07.13 DESIGN DRAWN CHECKED MFG. APPR APPROVED

PURCHASE MATERIAL: 6061-16/1651/16510/16511/162 ALUMINUM BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8 OR AMS-246-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B224

PART NUMBER:

MB061T6B T.TTT X WW.WWW WIDTH THICK

WHERE "T.TTT" = THICKNESS IN INCHES
"WW WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

DAS 14

1.25 X1,50

SPECIFICATION CONTROL DRAWING

Δ

۵

U

00

MATERIAL: <u>M30</u> DATE:	3/2/	R.	750	PC	/ BATCH NO.:	368861.	379
MATERIAL CERT REC'D: QUANTITY RECEIVED: QUANTITY INSPECTED: QUANTITY REJECTED:	∂	24		SHEET SI	*	750	
DESCRIPTION	(Ch	CR eck		C	COMMENTS		
SURFACE DAMAGE	Y	N					
CORRECT FINISH	(Y)	N					
CORROSION	Y	10					
CORRECT GRAIN DIRECTION	100	N		4 1			
CORRECT MATERIAL PER M-DRAWING	/Y	N	ASTMA	4582			
CORRECT THICKNESS	18	N					
PHOTO REQUIRED	Y	(N			176		
CORRECT REF # TO LINK CERT	8	N	171.4	# 44	15.3		
CORRECT MATERIAL IDENTFICATION	N (S)	N	N/362	K,750			
CORRECT M# ON THE MATERIAL	(8)	N	M13+6	186			
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)					
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N,					
CUT SAMPLE PIEC	E OF	F MA	TERIAL AND ORD RESULT	PREFORM A			jan .
			HRC	HRB	DUR A	DUR D	
TYPE OF MATERIAL							
SIZE OF TEST SAMPLE HARDNESS / DUROMETER RE		10					

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

ENGINEERING SIGNOFF (if required)

SIGNED OFF BY: _

DATE:

9-89 /7:07/11

QC 18 INSPECTION

INSPECTED BY:

DATE:

0 PART NUMBER: SPECIFICATION: PURCHASE MATERIAL: AISI 303 SS ROUND BAR (NOTE: AISI 304/316 NOT ACCEPTABLE)
SPECIFICATION: (ASTM A682) 00 EG. 0.75" ROUND BAR = M303R0.750 M303RID.DDD WHERE "D.DDD" = DIAMETER IN INCHES SPECIFICATION CONTROL DRAWING 1.89 9.89 Cr A NEW ISSUE REFORMAT DWG, ADD SPECS (ZN D8-1), 10.01.05 2 DART AEROSPACE LTD

B NAPHLED ON THE EXPRESS CHECKEN WATER B

COMMANDE AT TO JAY O'THE RESIDENCE WITHOUT

MEDIAT ARROPMENT LTD. CP 10.01.05

DS 01.12.20

BY DATE REV. B SHEET 1 OF 1 SCALE NTS DATE

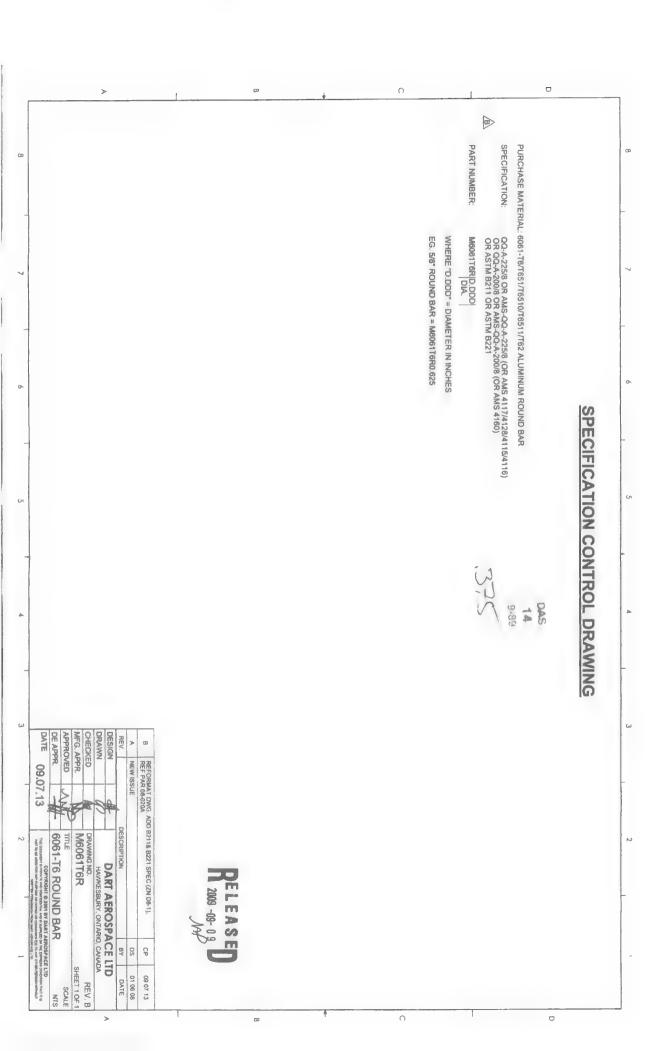
MATERIAL: MIGEX DATE: 77	10	2/11	<u>R335</u> 5	РО	/ BATCH NO.: ¸	31:58/e1	137
MATERIAL CERT REC'D: QUANTITY RECEIVED: QUANTITY INSPECTED: QUANTITY REJECTED:	2	1 D		THICKNES	SS ORDERED: S RECEIVED: ZE ORDERED: ZE RECEIVED:	.375	
DESCRIPTION	NC (Ch Y/			C	OMMENTS		
SURFACE DAMAGE	Y	N					
CORRECT FINISH	10	N					
CORROSION	Y	N					
CORRECT GRAIN DIRECTION	(Y)	N					
CORRECT MATERIAL PER M-DRAWING	D	N	ASTM	1221			
CORRECT THICKNESS	(P)	N					
PHOTO REQUIRED	Y	N					
CORRECT REF # TO LINK CERT	(Y)	N	HFATT	4821	7		
CORRECT MATERIAL IDENTFICATION	(Y)	N	MICLE	ITIORIA	充		
CORRECT M# ON THE MATERIAL	(4)	N	11/37-78	7,			
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	AN					
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	À					
CUT SAMPLE PIECI	E OF	MA REC	TERIAL AND F	PREFORM A	HARDNESS C		john
			HRC	HRB	DUR A	DUR D	
TYPE OF MATERIAL							1
SIZE OF TEST SAMPLE							
HARDNESS / DUROMETER REA	ADIN	G					
TIANDINE COT DONOTHE TEXT	-	ostor	s located in the Q	uality Office			

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SIGNED OFF BY:

DATE:

INSPECTED BY:



k	C	OMMENTS		
rt .		OMMENTS		
4)				
1				
D				
V				
V ASTA	1132			
V				
√ 5)				
		76		
V 1460	617 651.C	OX 6.00		
N 1131	6980			
(i)				
2				
				for
MATERIAL A	ND PREFORM A	HARDNESS C	HECK.	
		T DUD 4	DUDD	
HRC	HRB	DURA	טאטט	
	the Quality Office			
	MATERIAL AI	MASTY BROWN ASTY BROWN MATHRIAL AND PREFORM A CORD RESULTS BELOW HRC HRB	MASTY BZZ I N ASTY BZZ I N A	MATERIAL AND PREFORM A HARDNESS CHECK. CORD RESULTS BELOW HRC HRB DUR A DUR D

DELEASE

REV. B SHEET 1 OF 1 DS 010608 8Y DATE B REMOVE QQ.A.25011 OPTION, REFORMAT NOTES, ADD CP 09 07 13 ASTM B211/B221 (ZN D7-1) NEW ISSUE

6061-T6 BAR
COPTIBILITY SEED SHAT AETICOPACE LTD
COPTIBILITY CONTINUES CONTI DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO.
R
M6061T6B DESIGN DS
DRAWN
CHECKED A JC
MFG. APPR
APPROVED
DE APPR.
DE APPR.
DE APPR.

PART NUMBER:

M6061168 T.TTT X WW.WWW

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8 OR AMS-ZGGA-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B22*)

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION:

1.00X2.00

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES WIDTH THICK

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

O

SPECIFICATION CONTROL DRAWING

۵

MATERIAL: M. 200		_	(
MATERIAL CERT REC'D: QUANTITY RECEIVED: QUANTITY INSPECTED: QUANTITY REJECTED:	8_		THICKNESS ORDERED: ,080 THICKNESS RECEIVED 447 .079 SHEET SIZE ORDERED: 4x 12 SHEET SIZE RECEIVED: 4x 12
DESCRIPTION	NC (Ch	eck	COMMENTS
SURFACE DAMAGE	Υ	N	
CORRECT FINISH	R	N	
CORROSION	Y	(3)	
CORRECT GRAIN DIRECTION	X	N	
CORRECT MATERIAL	\bigcirc	N	202473
CORRECT THICKNESS	(3)	N	
PHOTO REQUIRED	Y	(1)	0.000
CORRECT MATERIAL	(X)	N	ASTM BUDG
CORRECT REF # TO LINK CERT	8	N	Heat # 300
ORRECT MATERIAL IDENTFICATION	(2)	N	M 2024T35.080
CORRECT M# ON THE MATERIAL	Y	N	M 137980
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(I)	
CUT SAMPLE PIEC	E OF	MA REC	TERIAL AND PREFORM A HARDNESS CHECK. DRD RESULTS BELOW HRC HRB , DUR A DUR D
TYPE OF MATERIAL			
SIZE OF TEST SAMPLE			1 /
HARDNESS / DUROMETER REA	ADIN	G	
HAKDINESS / DONOMETER ICE	to	sters	located in the Quality Office

DATE: 17 07 15 DATE:

SIGNED OFF BY:

REV. B SCALE SHEET 1 OF 1 STN 09 07 07 01.09,24 DATE DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO.
RE
MZ024T3S
SHEET
SPEC DS CP B REFORMAT DWG, ADD ASTM B209 SPEC (2N D8-1), PAR 09-020A CHECKED WEG. APPR. APPROVED WINDEAPPR. DE APPR. DATE 09.07.07 NEW ISSUE DESIGN REV.

2

œ

PURCHASE MATERIAL: 2024-T3 ALUMINUM SHEET

۵

SPECIFICATION:

QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4837 OR ASTM B209

PART NUMBER:

M2024F3S_XXXX THK

WHERE ".XXX" = SHEET THICKNESS (IN INCHES)

EG. 0.063" THICK SHEET = M2024T3S.063

XXX BY 4FT BY 10FT

PREFERRED SIZE:

U

60

SPECIFICATION CONTROL DRAWING

DATE:	11				PO/BATCH NO.: 036886/m1379				
		8 20	17		(
MATERIAL CERT REC'D:	Ĺ	10	3	THICKN	ESS ORDERED:	,040			
QUANTITY RECEIVED: 6459	Fr	7		THICKNE	SS RECEIVED:	.045			
QUANTITY INSPECTED: 6459				SHEET S	IZE ORDERED:	448			
QUANTITY REJECTED:						100			
QUANTITY REJECTED.				SHEETS	IZE RECEIVED:	970			
	No	CR							
DESCRIPTION				(COMMENTS				
SURFACE DAMAGE	Y	0							
CORRECT FINISH	(8)	N							
CORROSION	Y	0							
CORRECT GRAIN DIRECTION	(0)	N							
CORRECT MATERIAL PER M-DRAWING	B	N	ASIM	B'209					
CORRECT THICKNESS	(8)	N							
PHOTO REQUIRED	Υ	(N)							
CORRECT REF # TO LINK CERT	(3)	N	HT	T/1442	1				
CORRECT MATERIAL IDENTFICATION	1	N			•				
CORRECT M# ON THE MATERIAL	M	N							
DOES THIS MATERIAL REQUIRE									
ENGINEERING SIGN OFF	Y	(N)							
DOES THIS REQUIRE AN									
EXTRUSION REPORT	Y	(N)							
CUT SAMPLE PIEC					HARDNESS C	HECK.			
	F	REC		TS BELOW					
			HRC	HRB	DUR A	DUR D			
TYPE OF MATERIAL									
SIZE OF TEST SAMPLE									
HARDNESS / DUROMETER REA									
	te	esters	located in the	Quality Office					

| DAS | | DAS | | DAS | | DAS | | DAS | | DATE: | DATE

RELEASED 2008 -09-10

REV. B SHEET 1 OF 1 NTS DS 01 06 08 BY DATE 09.07.13 DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
PDRAWING NO.
R
M6061T6S
SHEE 9 B REFORMAT DWG, ADD 8209 SPEC (ZN D8-1), REF PAR 08-020A DATE 09.07.13 NEW ISSUE MFG. APPR. APPROVED CHECKED DESIGN DRAWN REV

QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS-4026 OR AMS 4027 OR ASTM BZ09-5 SPECIFICATION: PART NUMBER:

PURCHASE MATERIAL: 6061-T6/T62 ALUMINUM SHEET

WHERE ".XXX" = SHEET THICKNESS (IN INCHES) M6064T69TXXX

EG. 0.063" THICK SHEET = M6061T6S.063

XXX BY 4FT BY 8FT PREFERRED SIZE:

(9)

Ų

⋖

O

۵

SPECIFICATION CONTROL DRAWING

Q

MATERIAL: M304 DATE: JUL	19	186 2017	SA	F	PO / BATCH NO.:	po36886/M13791
MATERIAL CERT REC'D: QUANTITY RECEIVED: 6458 QUANTITY INSPECTED: 6459 QUANTITY REJECTED:	-	jes		THICKN SHEET :	ESS ORDERED: ESS RECEIVED: SIZE ORDERED: SIZE RECEIVED:	4x8
DESCRIPTION	(Ch	CR neck (N)			COMMENTS	
SURFACE DAMAGE	Y					
CORRECT FINISH	P	-				
CORROSION	Y	N		***	-	
CORRECT GRAIN DIRECTION	(4)	N	4			
CORRECT MATERIAL PER M-DRAWING	(A)	N	ASTM AZ	40		
CORRECT THICKNESS	8	N				
PHOTO REQUIRED	Y	(1)				
CORRECT REF # TO LINK CERT	M	N	144 OLY			
CORRECT MATERIAL IDENTFICATION	_	N				
CORRECT M# ON THE MATERIAL	(8)	N				
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	(13)				
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	0				
CUT SAMPLE PIECE			TERIAL AND PRE ORD RESULTS B		HARDNESS C	HECK.
			HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL						
SIZE OF TEST SAMPLE						
HARDNESS / DUROMETER REA	DIN	G				
	te	esters	located in the Quali	ty Office		

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required
INSPECTED BY:	5	SIGNED OFF BY:
DATE:	9-98L 1 9 2017	DATE:

SPECIFICATION CONTROL DRAWING

m

۵

PURCHASE MATERIAL: AISI 304/316 SS SHEET ANNEALED MIL-S-5059 OR AMS 5513 (304) OR AMS 6524 (316) OR ASTM A240 OR ASME 5A240 SPECIFICATION:

FINISH

FINISH UNPOLISHED No. 1 UNPOLISHED No. 2B POLISHED No. 3 POLISHED No. 4 BUFFED No. 6 BUFFED No. 6

WHERE "TT" = GAUGE THICKNESS WHERE "#P" = FINISH IDENTIFIER M304S TT GA #P

EG. 16 GAUGE SS SHEET 2B FINISH = M304S16GA EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P

GAUGE THICKNESS REFERENCE:

NOM. THICK.

THICKNESS

ANGE (IN)
0.0178 - 0.019
0.0179 - 0.023
0.027 - 0.024
0.036 - 0.045
0.036 - 0.045
0.047 - 0.058
0.059 - 0.058
0.059 - 0.058
0.059 - 0.068
0.073 - 0.058
0.059 - 0.014
0.059 - 0.014
0.059 - 0.014
0.059 - 0.014
0.059 - 0.014
0.059 - 0.014
0.059 - 0.058
0.059 - 0.014
0.059 - 0.014
0.059 - 0.014
0.059 - 0.028
0.051 - 0.028
0.052 - 0.0243
0.254 - 0.278
0.264 - 0.278
0.265 - 0.278 0.228 0.228 0.228 0.228 0.228 0.228 (IN) 0.01875 0.02875 0.02875 0.034375 0.034375 0.04375 0.04375 0.06625 0.06625 0.06625 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0.0763125 0

REV. D SCALE SHEET 1 OF 1 15.01.08 12.09 20 10.90.60 01.09.24 DATE DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. AJS 8 MB BY g. REFORMAT DWG, ADD ASTM/ASME SPECS (ZN D8-1), ADD GAUGE REF (C8-1), REF PAR 08-020A 304/316 SS SHEET DEFINED FINISH OPTION (ZN CB) AND EXAMPLE OF MATERIAL PAN WITH FINISH OTHER THAN 2B (ZN B5). M304S DESCRIPTION D ADDED GAUGES 0-7. NEW ISSUE MFG. APPR. APPROVED CHECKED DE APPR. DESIGN DRAWN O 8

15.01.06

RELEASED

2015 FEB 04 ECN 15-122

8

PART NUMBER:

Ü

Δ

MATERIAL: M3	04: L 2	S) 0_201	OGA 1		PO / BATCH N	· ρ036	88E/11
MATERIAL CERT REC'D: QUANTITY RECEIVED: CYS QUANTITY INSPECTED: CYS QUANTITY REJECTED:		10+	3	THICK	(NESS RECEIVE T SIZE ORDERE	D: 448	035
DESCRIPTION	(C	heck			COMMENTS		
SURFACE DAMAGE	-						
CORRECT FINISH							
CORROSION	-		 				
CORRECT GRAIN DIRECTION		-					
ORRECT MATERIAL PER M-DRAWING			AStm	15,10			
CORRECT THICKNESS			7 3/11)	140			
PHOTO REQUIRED	Y						
CORRECT REF # TO LINK CERT	1/8	-	UL TE	150 V			
RRECT MATERIAL IDENTFICATION			11-47	9971			
CORRECT M# ON THE MATERIAL	_						
OOES THIS MATERIAL REQUIRE	100	- 1					
ENGINEERING SIGN OFF	Y	M					
DOES THIS REQUIRE AN	<u> </u>	0					
EXTRUSION REPORT	RECEIVED: CYSCT NSPECTED: CYSCT NSPECTED: CYSCT NSPECTED: SHEET SIZE ORDERED: YXS SHEET SIZE RECEIVED: YXS SHEET SIZE ORDERED: YXS SHEET SIZE RECEIVED: YXS SHEET SIZE RECEIVED: YXS SHEET SIZE RECEIVED: YXS SHEET SIZE ORDERED: YXS SHEET SIZE ORDERD: YXS SHEET						
		الق					
CUT SAMPLE PIECI	E OF	MAT	ERIAL AND	PREFORM A	HARDNESS	HECK	
	F	RECC	RD RESULT	SBELOW	CHANDIAL 33 C	FITEUR.	
				T	DURA	DURD	
TYPE OF MATERIAL				11110	DONA	DORD	
SIZE OF TEST SAMPLE	ŀ					-	
ARDNESS / DUROMETER REA	DINC	3 T					-
			ocated in the C	Quality Office			
				3711100			

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY:	DAS 5	SIGNED OFF BY:
DATE: IIII	7 0 7017	DATE:

Ω REV. D SCALE SHEET 1 OF 1 15.01.08 12.09.20 09.06.01 01 09.24 DATE RELEASED \$ 221-51 WOZ DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. HT & 2001 BY DANT AEROSPACE LTD 2015 FEB 04 AUS MB SO ВУ 8 REFORMAT DWG, ADD ASTM/ASME SPECS (ZN D8-1), ADD GAUGE REF (C8-1), REF PAR 08-020A 304/316 SS SHEET DEFINED FINISH OPTION (2N C8) AND EXAMPLE OF MATERIAL PIN WITH FINISH OTHER THAN 28 (2N 85). DESCRIPTION M304S D ADDED GAUGES 0-7. 15.01.06 NEW ISSUE MFG. APPR. APPROVED CHECKED DE APPR. DESIGN DRAWN **a** o REV EG. 16 GAUGE SS SHEET 2B FINISH = M304S16GA EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P DART M-NUMBER 10ENTIFIER 1P 20 NONE 3P 4P 6P 7P 8P THICKNESS
RANGE (IN)
RANGE (IN)
ROUTH - 0.019
0.0199 - 0.023
0.024 - 0.026
0.037 - 0.030
0.041 - 0.044
0.047 - 0.046
0.047 - 0.065
0.066 - 0.072
0.068 - 0.069
0.115 - 0.130
0.116 - 0.130
0.117 - 0.145
0.118 - 0.146
0.119 - 0.146
0.119 - 0.146
0.119 - 0.146
0.119 - 0.146
0.119 - 0.146
0.119 - 0.146
0.119 - 0.128
0.225 - 0.228
0.238 - 0.228
0.238 - 0.238
0.236 - 0.238 0.0058 0.0065 0.0065 0.008 0.008 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.0145 0.01 WHERE "TT" = GAUGE THICKNESS WHERE "#P" = FINISH IDENTIFIER 68-6 MIL-S-5059 OR AMS 5513 (304) DAS OR ASTM A240 OR ASTM A240 NOM, THICK. (IN) 0.01875 0.021875 0.021875 0.021875 0.03125 0.03125 0.03125 0.03125 0.03125 0.03125 0.03125 0.03125 0.05625 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.0703125 0.07 PURCHASE MATERIAL: AISI 304/316 SS SHEET ANNEALED FINISH UNPOLISHED No. 1 UNPOLISHED No. 2D POLISHED No. 3 POLISHED No. 4 BUFFED No. 6 BUFFED No. 6 M304S TT GA #P GAUGE THICKNESS REFERENCE: SPECIFICATION: PART NUMBER: FINISH

00

SPECIFICATION CONTROL DRAWING

Δ

O

v

MATERIAL: MGC DATE: JU	06/45.17 JL 20 2017	25 PO/BATCH NO: 03686/M1379
MATERIAL CERT REC'D: QUANTITY RECEIVED: 305 QUANTITY INSPECTED: 305 QUANTITY REJECTED:	yes Reft	THICKNESS ORDERED: 115 THICKNESS RECEIVED: 125 SHEET SIZE ORDERED: 478 SHEET SIZE RECEIVED: 478
DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	YIM	
CORRECT FINISH	(V) N	
CORROSION	YN	
CORRECT GRAIN DIRECTION	KIN	
CORRECT MATERIAL PER M-DRAWING	MNA	Stron Bong

CUT SAMPLE PIECE OF MA	TERIAL AND ORD RESULT		HARDNESS (CHECK.
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING				

N

N

1

Ν

N

(Y)

CORRECT THICKNESS

PHOTO REQUIRED

CORRECT REF # TO LINK CERT

CORRECT MATERIAL IDENTFICATION

CORRECT M# ON THE MATERIAL

DOES THIS MATERIAL REQUIRE **ENGINEERING SIGN OFF** DOES THIS REQUIRE AN **EXTRUSION REPORT**

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	SIGNED OFF BY:
DATE: JUL 2 0 2017	DATE:

SHEET 1 OF 1 REV. B 09 07.13 DS 01 06:08 DATE DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO.
M6061T6S
SHEE COPPRIGHT @ 2001 BY DART AEROSPACE LTD IN BOOLunger of Previty and co-ordina, uso is same about the Control community of S ВУ 6061-T6 SHEET SPEC B REFORMAT DWG, ADD 8209 SPEC (ZN D8-1). DESCRIPTION DE APPR. DATE 09.07.13 A NEW ISSUE CHECKED MFG. APPR. APPROVED DESIGN REV.

PURCHASE MATERIAL: 6061-T6/T62 ALUMINUM SHEET

SPECIFICATION:

00-A-250/11 OR AMS-00-A-250/11 OR AMS-400-COR AMS 4027 OR ASTM B209 DAS PART NUMBER:

WHERE "XXX" = SHEET THICKNESS (IN INCHES) M6061T6S.XXX

EG. 0.063" THICK SHEET = M6061T6S.063

XXX BY 4FT BY 8FT PREFERRED SIZE:

1

60)

≪

Ω

U

SPECIFICATION CONTROL DRAWING

۵



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36886

Purchase Order Date 6/29/2017 PO Print Date 6/29/2017

Page Number 1 of 8

Order From:

ACIER OUELLETTE INC. 935 BOUL. DU HAVRE VALLEYFIELD, QC J6S 5L1 CA VC-CAM002

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA



Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

800 667 4248

Customer POID

Chantal Lavoie

000 007 1210

Yours ppd

Customer Tax #

10127-2607

Terms

Buyer

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Ship Via: Ship Acet:

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	/	PO Unit Price	Extended Price
1	M6061T6B0.750X06.000	6061T6 BAR .750 X 6.00	7/4/2017		20.00		\$16.49	\$329.86
			Yes		f			
			7/4/2017	DAS				
	MATERIAL: 6061-T6/T6510/T6	5511/T62 ALUMINUM BAR		9				
	AS PER QQ-A-225/8 OR AMS-	QQ-A-225/8 OR AMS 4117/4128/	/4115/4116	9-89				
	OR QQ-A-200/8 OR AMS-QQ-A STM B221	A-200/8 OR AMS 4160 OR ASTM	1 B211 OR					

2 M6061T6B0.750X01.500

6061-T6 Bar .750 X 1.50

7/4/2017 Yes

7/4/2017

60.00 f Line Total:

\$329.86

\$3.46

\$207.32

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

Line Total:

\$207.32



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36886

Purchase Order Date 6/29/2017 PO Print Date 6/29/2017

Page Number 2 of 8

Order From:

ACIER OUELLETTE INC. 935 BOUL. DU HAVRE VALLEYFIELD, QC J6S 5L1 CA VC-CAM002

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name Buyer Chantal Lavoie Vendor Phone 800 667 4248 **Customer POID** Customer Tax# 10127-2607 Terms Net 30 **Ship To Contact** CAD Currency Ship To Phone Ship Via: **FOB** FCA - (Free Carrier) Yours ppd Ship Acet: M6061T6B0.750X08.000 6061-T6 BAR .750" X 7/4/2017 12.00 \$18.40 \$220.85 8.00" Yes DAS 7/4/2017 9 MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR 9-89 AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 Line Total: \$220.85 M6061T6B1.000X02.000 6061-T6 Bar 1.00 x 2.00 7/4/2017 20.00 \$6.14 \$122.86 Yes 7/4/2017 DAS 9 MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 9-89 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 Line Total: \$122.86 M6061T6B1.000X04.000 6061-T6 Bar 1.00 x 4.00 7/4/2017 20.00 \$13.77 \$275.47 Yes 7/4/2017 MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36886

Purchase Order Date 6/29/2017 PO Print Date 6/29/2017

Page Number 3 of 8

Order From:

ACIER OUELLETTE INC. 935 BOUL. DU HAVRE VALLEYFIELD, QC J6S 5L1

CA

VC-CAM002

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Ship Acct: Yours ppd

Buyer

Chantal Lavoie

Customer POID

 Customer Tax #
 10127-2607

 Terms
 Net 30

 Currency
 CAD

12.00

f

FOB

FCA - (Free Carrier)

M6061T6B1.000X06.000

M6061T6B1.000X12.000

6061T6 BAR 1.00 X 6.00

7/4/2017 Yes

7/4/2017

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

6061-T6 Bar 1.00 x 12.00

7/4/2017

Yes

7/4/2017

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

Line Total:

\$275.47

\$19.38

\$465.23

Line Total:

\$45.86

\$550.37

\$465.23

Line Total:

\$550.37



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36886

Purchase Order Date 6/29/2017 PO Print Date 6/29/2017

Page Number 4 of 8

Order From:

ACIER OUELLETTE INC. 935 BOUL. DU HAVRE VALLEYFIELD, QC J6S 5L1 CA VC-CAM002

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Chantal Lavoie Buyer Contact Name 800 667 4248 **Customer POID** Vendor Phone 10127-2607 Customer Tax # Net 30 Ship To Contact Terms CAD Currency Ship To Phone FOB Ship Via: FCA - (Free Carrier) Yours ppd Ship Acct: 12.00 \$6.39 M6061T6B1.500X01.250 6061-T6 Bar 1.50 x 1.25 7/4/2017 Yes f 7/4/2017

7/4/2017

7/4/2017

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

M6061T6B4.500X4.500 6061-T6 AluminumBar 7/4/2017 4.500" X 4.500"

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

M6061T6S.040 6061-T6 .040 Sheet 7/4/2017 Yes

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 Line Total: \$76.65
4.00 \$87.49 \$349.95

\$76.65

Line Total: \$349.95
64.00 \$7.60 \$486.43

5017-7-10



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36886

Purchase Order Date 6/29/2017 PO Print Date 6/29/2017

Page Number 5 of 8

Order From:

ACIER OUELLETTE INC. 935 BOUL. DU HAVRE VALLEYFIELD, QC J6S 5L1 CA

VC-CAM002

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone Ship Via:

Ship Acct:

Yours ppd

800 667 4248

Buyer **Customer POID**

Customer Tax# Terms

Currency

32.00

48.00

sf

sf

CAD

Chantal Lavoie

10127-2607 Net 30

FOB

FCA - (Free Carrier)

M6061T6S.125

6061-T6 .125 Sheet

7/4/2017

Yes

7/4/2017

Line Total:

\$486.43

\$6.46

\$206.57

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

M2024T3S.080

2024-T3 .080 sheet

7/4/2017

7/4/2017

Yes

Line Total:

\$206.57

\$6.47

\$310.35

MATERIAL: 2024-T3 ALUMINUM SHEET

AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037

OR ASTM B209

Line Total:

\$310.35



Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36886

Purchase Order Date 6/29/2017 PO Print Date 6/29/2017

Page Number 6 of 8

Order From:

ACIER OUELLETTE INC. 935 BOUL. DU HAVRE VALLEYFIELD, QC J6S 5L1 CA

VC-CAM002

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Ship Acct:

M303R0.750

Yours ppd

303 Round Bar 0.750

7/4/2017

Yes

7/4/2017

Buyer

Customer POID

Customer Tax #

Terms Currency

24.00

64.00

sf

f

FOB

Chantal Lavoie

10127-2607 Net 30

CAD

FCA - (Free Carrier)

\$5.26

\$126.17

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

M304S18GA

304/316 .050 Sheet

7/4/2017 Yes

7/4/2017

Line Total:

\$126.17

\$5.36

\$342.72

PURCHASE MATERIAL: AIS1 304/316 SS SHEET **ANNEALED** SPECIFICATION: MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) ORASTMA240 OR ASME SA240

Line Total:

\$342.72



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36886

Purchase Order Date 6/29/2017 PO Print Date 6/29/2017

Page Number 7 of 8

Order From:

ACIER OUELLETTE INC. 935 BOUL. DU HAVRE VALLEYFIELD, QC J6S 5L1 CA VC-CAM002

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Chantal Lavoie **Contact Name** Buyer 800 667 4248 **Customer POID** Vendor Phone 10127-2607 Customer Tax# Net 30 **Ship To Contact** Terms CAD Currency Ship To Phone **FOB** FCA /- (Free Carrier) Ship Via: Yours ppd Ship Acet: \$3.91 \$250.14 7/4/2017 64.00 M304S20GA 304/316 .040 Sheet Yes sf

7/4/2017

PURCHASE MATERIAL: AIS1 304/316 SS SHEET ANNEALED SPECIFICATION: MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) ORASTMA240

OR ASME SA240

16 M6061T6R0.375 6061-T6 Round Bar .375" 7/4/2017 Yes 7/4/2017

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 20.00 \$0.39 \$7.85

Cine Total: \$7.85



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36886

Purchase Order Date 6/29/2017 PO Print Date 6/29/2017

Page Number 8 of 8

Order From:

CA

ACIER OUELLETTE INC. 935 BOUL. DU HAVRE VALLEYFIELD, QC J6S 5L1 VC-CAM002

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Buyer Chantal Lavoie Contact Name 800 667 4248 **Customer POID Vendor Phone** Customer Tax# 10127-2607 Terms Net 30 Ship To Contact CAD Currency Ship To Phone FCA - (Free Carrier) **FOB** Ship Via: Yours ppd Ship Acct: M6061T6B2.000X03.500/ 6061-T6 Bar 2.00 x 3.50 7/4/2017 12.00 \$14.35 \$172.21 Yes 7/4/2017 DAS MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR 9 AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR 9-89 ASTM B221 Line Total: \$172.21 7/4/2017 \$0.00 **PROCUREMENT**

> No 7/4/2017

Procurement Quality Clauses A005 right of entry

71401-45

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality document

1.00 \$0.00

Line Total:

\$0.00

PO Total:

\$4,501.00

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr:

1

Change Date:

QUALITY CLAUSES

6/29/2017